

U.S. Department of Agriculture

# Kentucky Agricultural Statistics Service

A State Statistical Office of the National Agricultural Statistics Service

## Kentucky Agricultural Statistics 1999 - 2000 Bulletin

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**NATIONAL AGRICULTURAL STATISTICS SERVICE**  
**RON BOSECKER, Administrator**  
**JOE REILLY, Deputy Administrator Field Operations**

**KENTUCKY DEPARTMENT OF AGRICULTURE**  
**BILLY RAY SMITH, Commissioner**

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# AGRICULTURE RELATED INTERNET WEB SITES

## KENTUCKY

### AG RELATED STATE AGENCIES:

Kentucky Department of Agriculture	<a href="http://www.kyagr.com">http://www.kyagr.com</a>
Kentucky Agricultural Statistics Service	<a href="http://www.nass.usda.gov/ky">http://www.nass.usda.gov/ky</a>
Kentucky Fair & Exposition Center	<a href="http://www.kyfairexpo.org">http://www.kyfairexpo.org</a>

### COMMODITY GROUPS:

Kentucky Cattlemen's Association	<a href="http://www.kycattle.org">http://www.kycattle.org</a>
Kentucky Corn Growers Association	<a href="http://www.kycorn.org">http://www.kycorn.org</a>
Kentucky Soybean Association	<a href="http://stratsoy.ag.uiuc.edu/~ky-qssb/welcome.html">http://stratsoy.ag.uiuc.edu/~ky-qssb/welcome.html</a>

### OTHER GROUPS:

Kentucky Farm Bureau Federation	<a href="http://www.kyfb.com">http://www.kyfb.com</a>
University of Kentucky College of Agriculture	<a href="http://www.ca.uky.edu">http://www.ca.uky.edu</a>
University of Kentucky Ag Weather Center	<a href="http://www.agwx.ca.uky.edu">http://www.agwx.ca.uky.edu</a>
Kentucky FFA	<a href="http://www.kyffa.org">http://www.kyffa.org</a>

## NATIONAL

### FEDERAL AGENCIES:

United States Department of Agriculture	<a href="http://www.usda.gov">http://www.usda.gov</a>
Farm Service Agency	<a href="http://www.fsa.usda.gov">http://www.fsa.usda.gov</a>
National Agricultural Conservation Service	<a href="http://www.nrcs.usda.gov">http://www.nrcs.usda.gov</a>
National Agricultural Statistics Service	<a href="http://www.usda.gov/nass">http://www.usda.gov/nass</a>
Economic Research Service	<a href="http://www.ers.usda.gov">http://www.ers.usda.gov</a>
National Agricultural Library	<a href="http://www.nalusda.gov">http://www.nalusda.gov</a>
Joint Agricultural Weather Facility	<a href="http://www.usda.gov/oce/waob/jawf">http://www.usda.gov/oce/waob/jawf</a>

### COMMODITY GROUPS:

National Corn Growers Association	<a href="http://www.ncga.com">http://www.ncga.com</a>
American Soybean Association	<a href="http://www.amsoy.org">http://www.amsoy.org</a>
Burley Tobacco Growers Coop	<a href="http://www.burleytobacco.com">http://www.burleytobacco.com</a>
National Cattlemen's Beef Association	<a href="http://www.beef.org">http://www.beef.org</a>
National Pork Producers Council	<a href="http://www.nppc.org">http://www.nppc.org</a>

### OTHER GROUPS:

National FFA Online	<a href="http://www.ffa.org">http://www.ffa.org</a>
Farm Safety 4 Just Kids	<a href="http://www.fs4jk.org">http://www.fs4jk.org</a>
University of Minnesota Farm Safety Resources	<a href="http://gaia.bae.umn.edu/~fs">http://gaia.bae.umn.edu/~fs</a>
National Education Center for Agricultural Safety	<a href="http://www.nsc.org/necas.htm">http://www.nsc.org/necas.htm</a>
Stratsoy	<a href="http://www.ag.uiuc.edu/~stratsoy/new/">http://www.ag.uiuc.edu/~stratsoy/new/</a>



# HOW KDA IS WORKING TO BENEFIT KENTUCKY FARMERS

**Developing New Markets, New Products, New Technology,  
And New Distribution Channels for the New Century**

## International markets hold promise

KDA's Office for Agricultural Marketing and Product Promotion sells Kentucky agricultural projects and services around the world.

Beginning and established exporters increase export sales as KDA representatives help them plan approaches to international markets, and help assess the demand for their products outside the United States.

We introduce Kentucky producers to potential customers, distributors, or partners, and support service providers who can assist in developing profitable international transactions.

KDA will provide free counseling for manufacturers, producers, and agribusiness companies interested in marketing agricultural products overseas. Other marketing services include:

### Office for Agricultural Marketing & Product Promotion

**Trade Shows:** We participate in trade shows and missions around the world to provide Kentucky companies high visibility and to allow Kentucky companies the opportunity to analyze the local market and observe competition.

**Foreign Buyer Missions:** We meet with foreign buyers and delegations to locate potential business partners.

**Trade Leads:** The Department of Agriculture can forward leads to interested parties at no charge to venders.

**Seminars and conferences:** The Kentucky office coordinates seminars and conferences designed to provide the latest up-to-date information in export trends, issues and product opportunities in key markets.



*COMMISSIONER BILLY RAY SMITH (right) presents an award to Mexican cattlemen during a 1999 visit.*

**Trade Policy:** KDA provides information on market access requirements and works with agricultural exporters to identify and overcome trade barriers.

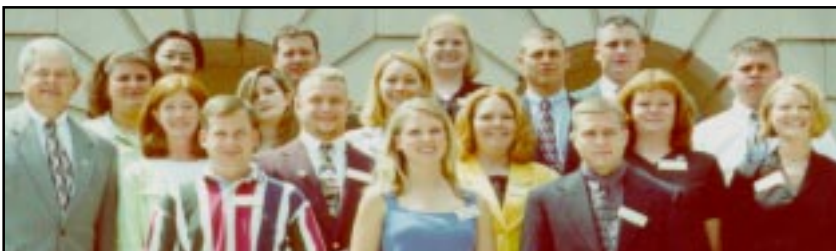
**Database:** This office manages a Kentucky International Trade and Export Directory listing all of Kentucky's export ready farm, food and agricultural products. The division also publishes a free quarterly "Marketing Matters" newsletter.

## College students gain valuable experience as KDA interns

### March 1 deadline for Summer 2001 Program

Upperclass college students can turn their agriculture classroom learning into practical experience by serving as a **Summer Intern** in many KDA programs.

Interns work and learn firsthand about agriculture education, communications, information technology, animal health, marketing, or inspections.



*THE INTERN CLASS of the Summer of 2000.*

Interns are selected after evaluation of a written essay, the application materials, and personal interviews with Department personnel.

Annual applications, with essays, transcripts and recommendation letters, are due each March 1 in the KDA Personnel Division.



*THIS AGRICULTURAL APPLICATOR'S business will be affected by recent changes in pesticide law, but KDA's pesticide experts will help the business comply smoothly.*

## KDA helps pesticide handlers cope with recent law updates

The first major changes in Kentucky pesticides law in 25 years went into effect in 2000.

KDA Division of Pesticides officials are meeting with golf course managers, agricultural pesticide applicators, and other professionals most affected by these law changes to guide them through proper compliance.

### Division of Pesticides

The Pesticides Division assists in the purchase, handling and safe storage and disposal of pesticides. KDA provides recycling programs and training on how to safely use chemicals.

In 1999, the division collected 50,836 pounds of chemicals from 202 participants, and helped 104 counties recycle over 93,000 pounds of plastic.

KDA performs product registration and certification of all pest control companies and individuals performing work in Kentucky.

We develop programs to help farmers with Best Management Practices and provide training on how to protect well and ground water and other natural resources.

## KDA programs improve hay quality

KDA's Hay Testing Program inspects and tests samples of forage to be fed to Kentucky livestock.

This program promotes the sale, development and improvement of hay produced in Kentucky.

### Hay & Grain Branch

On its Web site, the Department maintains a list of hay producers and buyers to help farmers market their products.



KDA also sponsors a mobile hay-testing unit that travels to all counties in the state.

## KENTUCKY DEPARTMENT OF AGRICULTURE

**OFFICE OF THE COMMISSIONER:** Establishes policy for the daily operation of the Department, provides liaison between agricultural producers and state and federal government, and serves on national committees on behalf of agriculture.

**BILLY RAY SMITH, Commissioner** ..... (502) 564-5126

**Chief of Staff / General Counsel**

Mark Farrow ..... (502) 564-4696

### OFFICE OF AGRICULTURAL MARKETING AND PRODUCT

**PROMOTION:** Responsible for foreign and domestic market expansion or development for agricultural products produced or processed in Kentucky, market news and agricultural statistics, and licensing of produce dealers. Sponsors livestock shows and agricultural fairs.

**TERRY GARMON, Executive Director** ..... (502) 564-4696

**Division of Market Research**

Gerald Dotson, Director ..... (502) 564-6571

**Division of Show and Fair Promotion**

Wendell Bruce, Director ..... (502) 564-4983

**Division of Value-Added Horticulture and Aquaculture**

Jim Mansfield, Director ..... (502) 564-4696

**Division of Value-Added Livestock, Poultry and Forage**

Mark Straw, Director ..... (502) 564-4896

**Division of Value-Added Wood Promotion**

John Cotten, Director ..... (502) 564-4696

**OFFICE OF CONSUMER AND PUBLIC SERVICE:** Oversees the Consumer Protection Program which inspects scales, gas pumps, amusement rides, limestone, eggs and poultry. Coordinates efforts of the Teen and Tobacco Program. Coordinates distribution of USDA surplus commodities to schools, non-profit institutions and the needy.

**MIKE STIVERS, Executive Director** ..... (502) 564-5126

**Division of Regulation and Inspection**

Larry Hatfield, Director ..... (502) 564-4870

**Division of Food Distribution**

Sarah Castanis, Director ..... (502) 564-4387

**Hay and Grain Branch**

Allen Johnson, Branch Manager ..... (502) 564-3068

HAY TESTING: (800) 248-4628

### OFFICE OF STRATEGIC PLANNING AND ADMINISTRATION:

Manages budget preparation and administration. Oversees personnel, staff development and technology. Coordinates internal and external public relations and communications.

**EDDIE DUVAL, Executive Director** ..... (502) 564-4696

**Division of Fiscal and Intergovernmental Management**

Eddie Duvall, Director ..... (502) 564-4696

**Division of Information Technology**

Scott Willett, Director ..... (502) 564-4696

**Division of Personnel and Staff Development**

Harold Nally, Director ..... (502) 564-4696

**Division of Public Relations and Communications**

Doug Thomas, Director ..... (502) 564-4696

**OFFICE OF THE STATE VETERINARIAN:** Responsible for monitoring the health and welfare of the state's livestock. Enforces state livestock sanitation and health standards, and protects the state's livestock industry from the spread of disease.

**DR. DON NOTTER, State Veterinarian** ..... (502) 564-3956

**Division of Animal Health**

Cecil Goodlett, Director ..... (502) 564-3956

**OFFICE OF ENVIRONMENTAL OUTREACH:** Assists farmers and agribusinesses in addressing environmental concerns. Regulates licensing, labeling and use of pesticides. Provides assistance to local governments in control of noxious weeds and pests. Directs the educational activities of the Department.

**BILL BURNETTE, Executive Director** ..... (502) 564-4696

**Division of Pesticides**

John McCauley, Director ..... (502) 564-7274

**Division of Pest & Weed**

Bill Fraser, Director ..... (270) 575-7162

**Division of Agriculture & Environmental Education**

Rayetta Boone, Director ..... (502) 564-4696

**BOWLING GREEN OFFICE** ..... (270) 746-7030

**PADUCAH OFFICE** ..... (270) 575-7162

## Education division enlightens about farmers, food and land

Preserving the high esteem the public has traditionally held for the farmer is a long-term goal of KDA's educational efforts. This division provides classroom materials that promote understanding and appreciation of the system that provides our food and fiber.

KDA provides high quality educational material and workshops for teachers and distributes

### Division of Agriculture & Environmental Education

state and national curriculum material about agriculture, natural resources and conservation.

KDA maintains a Web site and provides a biannual newsletter to exposes teachers to new techniques. The Division provides lesson planning materials on agricultural and environmental themes.

A traveling KDA educational resource trailer offers on-site information for teachers and classroom presentations for students.

The annual Ag Day Poster and Essay Contest during National Agriculture



TEACHERS LEARN FROM FARMERS during a KDA field workshop.

Week in March provides Kentucky students with the opportunity to promote Kentucky agriculture and environmental literacy.

**"There are two spiritual dangers in not owning a farm. One is the danger of supposing that breakfast comes from the grocery, and the other that heat comes from the furnace."**

Aldo Leopold (1886 - 1948),  
"A Sand County Almanac", 1949.

## KDA distributes millions of pounds of food for schools and needy

The Division of Food Distribution helps provide food for school lunches, non-profit charities and families in need. This year, Kentucky school systems received 458,000 cases (15.4 million pounds) of commodity food valued at \$12.2 million dollars.

Through the Commodity Program, Kentucky school systems

purchase \$1.5 million dollars of fresh fruits and vegetables annually. Schools receive 15 cents in USDA Commodities for each reimbursable meal served.

The Commodity Supplement Food Program serves about 5,500 participants monthly, issuing 1.9 million pounds of food annually. Each month approximately 24,200 food baskets and 184,000 meals are provided.

The Emergency Food Assistance Program annually distributes five million pounds of USDA commodities through food pantries and soup kitchens.

### Division of Food Distribution

## Training tomorrow's champions

The Division of Show & Fair Promotion administers the Kentucky State Aid to Local Agricultural Fairs Program, which helps over 100 Kentucky

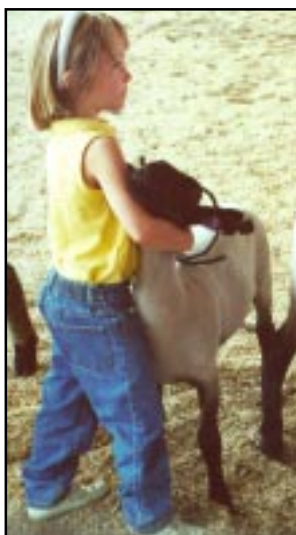
### Division of Show & Fair Promotion

county fairs promote youth interest in agriculture and livestock.

The division supports a vigorous schedule of livestock shows across Kentucky every year, including the Kentucky Junior Livestock Expositions East and West, and national beef and dairy shows and sales.

The division administers the Commissioner's Scholarship Awards, 20 annual scholarships presented to 4-H and FFA youth exhibitors in state-sponsored livestock shows. Also in partnership with 4-H and FFA, the division sponsors 50 District 4-H/FFA Livestock Shows (beef cattle, dairy cattle, horses, sheep and swine).

At the Kentucky State Fair, the Division also presents the Commissioner's Showmanship Awards to 4-H and FFA exhibitors.



A CHILD'S FIRST LIVESTOCK SHOW: Often a treasured memory, and the possible foundation of a career in agriculture.



*KDA IS CHARGED WITH REGULATING EGGS, as well as some things you sometimes might not connect with agriculture, including gas pumps, scale accuracy, amusement park rides, limestone, and price scanners.*



## **KDA ALSO MEANS PROTECTION**

**Department of Agriculture's Regulatory Function  
Keeps Consumers, Manufacturers and Businesses Safe**

KDA provides services that promote safety, accurate measurements, and equitable services to the citizens and industry of the Commonwealth.

### **Division of Regulation & Inspection**

The division protects consumers, businesses and manufacturers from unfair practices.

Division inspectors issue permits and enforce regulations on amusement park and carnival rides. Other inspectors license and regulate egg handlers to ensure consumer safety.

We test and regulate retail gasoline pumps for accuracy and quality of gasoline, and verify that measuring devices such as scales and scanning equipment

are accurate and dispensers are safe.

KDA certifies individuals who inspect, test, regulate or sell scales, scanners and other measuring devices, and also calibrate and certify weights and measuring devices.

We maintain information about hay producers and buyers to help farmers market their forage. The Division inspects and tests hay samples, and we sponsor a mobile hay-testing unit which travels statewide.

KDA inspects, licenses and regulates grain dealers and grain warehouses, and tobacco warehouses. The Division also tests

limestone samples.

We ensure compliance with laws mandating "NO SALE" of tobacco products to minors, and conduct the "Teens and Tobacco" program to remind minors and retailers not to attempt to transact tobacco purchases.

### **Quality control for state's ginseng crop**

Kentucky ginseng is highly regarded for its quality by ginseng producers around the world. KDA's Ginseng Program works to certify quality standards and to license ginseng dealers in Kentucky, helping protect the product's quality reputation.

### **Ginseng Program**

## **Protecting the health of Kentucky animals**

KDA provides help controlling and eradicate contagious, infectious and communicable animal diseases. Animal Health officials regulate the health of horses, cattle, swine/hogs, sheep and goats, poultry, Camelids (llamas, etc.), Cervidae (deer and elk), and other exotics.

### **Division of Animal Health**

We also regulate the sale and exhibition of animals and breeding shed regulations, importation and animal testing and treatment requirements.

KDA is your source for legal information, guidelines, statistics and animal health related news.



## **STATE STATISTICIAN'S NOTE**

We are pleased to present the 1999-2000 edition of the *Kentucky Agricultural Statistics*. This publication is a result of a cooperative effort between the Kentucky Agricultural Statistics Service and the Kentucky Department of Agriculture. The data presented and used in this bulletin were made possible by the voluntary cooperation of thousands of farmers and businesses in Kentucky who respond to our many surveys. This joint effort is essential to maintain reliable facts on changes occurring in Kentucky agriculture. All Kentucky citizens and data users owe them a debt of gratitude for taking the time to complete the surveys.

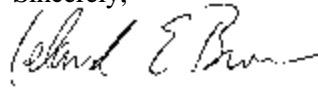
A special thanks goes to the dedicated staff of field and telephone enumerators who have spent many hours collecting data from the Kentucky farmers and agribusinesses selected on our surveys. These enumerators are our ambassadors to the agricultural community throughout the Commonwealth.

The importance of Kentucky's agriculture is reflected throughout this publication. Cash receipts received by producers in 1999 totaled nearly \$3.5 billion in sales. Agriculture is the Commonwealth's largest industry, and this past year has been an extremely challenging one for farmers across Kentucky. In addition to one of the State's worst droughts, farmers in 1999 faced low commodity prices, low crop yields, uncertainty about the future of tobacco, and the premature liquidation of their cow herds. Management decisions become extremely important as profit margins narrow. Current reliable statistics are the critical component that provides a basis for sound financial and production decisions.

The Internet has quickly become a key source for information and statistics about U.S. agriculture. Those with access to the Internet can get all the information in this publication from our web site at <http://www.nass.usda.gov/ky/>. National releases including results from the 1997 Census of Agriculture can be accessed at <http://www.usda.gov/nass/>. Free e-mail subscriptions are offered for many of the reports so that they will be automatically delivered to your electronic mailbox shortly after the report is released. Historic estimates of commodity production by county are available on the NASS home page for nearly every county in the United States.

The staff of the Kentucky Agricultural Statistics Service is dedicated to serving the agricultural data needs of all users. Please contact us anytime with your questions, comments and requests for information.

Sincerely,

A handwritten signature in dark ink, appearing to read "Leland E. Brown", with a stylized flourish at the end.

LELAND E. BROWN  
State Statistician

# 1999 STATE RANKINGS FOR CROP PRODUCTION

Rank	CORN FOR GRAIN		CORN FOR SILAGE		WINTER WHEAT	
	State	Production	State	Production	State	Production
		(000 Bushels)		(000 Tons)		(000 Bushels)
1.	Iowa	1,758,200	Wisconsin	12,045	Kansas	432,400
2.	Illinois	1,491,000	New York	8,960	Oklahoma	150,500
3.	Nebraska	1,153,700	California	8,840	Texas	122,400
4.	Minnesota	990,000	Minnesota	6,800	Colorado	103,200
5.	Indiana	748,440	Pennsylvania	6,195	Washington	96,860
6.	Kansas	420,180	Iowa	4,860	Nebraska	86,400
7.	Wisconsin	407,550	Michigan	4,113	Ohio	72,100
8.	Ohio	403,200	Nebraska	3,910	Illinois	60,600
9.	South Dakota	367,250	South Dakota	3,300	South Dakota	59,220
10.	Michigan	253,500	Idaho	2,597	Idaho	53,960
11.	Missouri	247,350	Ohio	2,550	Arkansas	51,520
12.	Texas	228,330	Colorado	2,400	Missouri	44,160
13.	Colorado	159,040	Texas	2,310	Michigan	41,400
14.	<b>KENTUCKY</b>	<b>123,900</b>	Kansas	2,210	Montana	36,860
15.	North Dakota	76,635	Illinois	2,125	Indiana	33,660
16.	Pennsylvania	61,600	Virginia	2,000	Oregon	29,610
17.	New York	59,590	Indiana	1,760	California	28,860
18.	Tennessee	58,140	<b>KENTUCKY</b>	<b>1,688</b>	North Carolina	28,420
19.	North Carolina	51,200	Vermont	1,674	<b>KENTUCKY</b>	<b>24,600</b>
20.	Oklahoma	44,950	New Mexico	1,560	Tennessee	18,360
21.	Louisiana	39,930	Washington	1,430	Virginia	13,680
22.	Mississippi	36,270	North Dakota	1,364	Maryland	12,000
23.	California	33,825	Maryland	1,100	New Mexico	10,260
24.	Maryland	33,480	North Carolina	1,020	Pennsylvania	10,260
25.	Georgia	30,900	Montana	900	Georgia	9,675
26.	Virginia	21,840	Utah	840	South Carolina	9,460
27.	Alabama	20,600	Tennessee	770	Mississippi	8,250
28.	South Carolina	19,250	Missouri	665	New York	8,125
29.	Washington	18,000	Florida	629	Utah	7,540
30.	New Mexico	14,940	Wyoming	620	Wisconsin	7,200
31.	Delaware	13,706	Georgia	585	Wyoming	6,105
32.	Arkansas	13,000	Connecticut	543	Louisiana	4,935
33.	Idaho	8,525	Maine	540	Alabama	4,320
34.	Wyoming	6,136	Arizona	437	Delaware	3,990
35.	Arizona	5,850	Massachusetts	389	North Dakota	2,109
36.	Oregon	5,250	Oregon	336	New Jersey	1,848
37.	Florida	3,720	Mississippi	325	Iowa	1,333
38.	Utah	2,860	Oklahoma	320	Arizona	1,050
39.	New Jersey	2,220	West Virginia	298	Minnesota	1,050
40.	Montana	1,980	New Hampshire	293	Nevada	950
41.	West Virginia	1,300	South Carolina	195	West Virginia	399
42.			Alabama	165	Florida	360
43.			New Jersey	150		
44.			Delaware	140		
45.			Louisiana	120		
46.			Rhode Island	50		
47.			Arkansas	48		
<b>UNITED STATES 1/</b>		<b>9,437,337</b>		<b>96,169</b>		<b>1,699,989</b>

1/ Totals may not add due to rounding.

# 1999 STATE RANKINGS FOR CROP PRODUCTION

Rank	ALL HAY		ALFALFA HAY		ALL OTHER HAY	
	State	Production	State	Production	State	Production
		(000 Tons)		(000 Tons)		(000 Tons)
1.	Texas	13,135	California	7,004	Texas	12,420
2.	South Dakota	9,440	South Dakota	6,720	Missouri	5,920
3.	California	8,462	Wisconsin	6,510	<b>KENTUCKY</b>	<b>4,085</b>
4.	Nebraska	7,610	Minnesota	5,600	Oklahoma	3,740
5.	Wisconsin	7,510	Nebraska	5,180	Tennessee	3,700
6.	Kansas	7,255	Iowa	5,070	Kansas	3,515
7.	Missouri	7,225	Idaho	4,600	South Dakota	2,720
8.	Minnesota	7,130	Kansas	3,740	Nebraska	2,430
9.	Iowa	5,970	Montana	3,630	North Dakota	2,393
10.	North Dakota	5,511	Michigan	3,610	Arkansas	2,330
11.	Idaho	5,132	Colorado	3,420	Alabama	1,840
12.	Montana	5,055	North Dakota	3,118	Virginia	1,840
13.	Oklahoma	5,000	Utah	2,376	New York	1,710
14.	<b>KENTUCKY</b>	<b>4,810</b>	Washington	2,303	Pennsylvania	1,680
15.	Colorado	4,598	Illinois	2,000	Mississippi	1,615
16.	Michigan	4,415	Oregon	1,848	Minnesota	1,530
17.	Tennessee	3,793	Ohio	1,800	Georgia	1,500
18.	Pennsylvania	3,360	Wyoming	1,782	North Carolina	1,484
19.	Oregon	3,208	Pennsylvania	1,680	California	1,458
20.	Ohio	3,060	Arizona	1,580	Montana	1,425
21.	Washington	3,059	New Mexico	1,508	Oregon	1,360
22.	New York	2,975	Indiana	1,480	Ohio	1,260
23.	Wyoming	2,790	Missouri	1,305	Colorado	1,178
24.	Utah	2,744	New York	1,265	Wyoming	1,008
25.	Illinois	2,735	Oklahoma	1,260	Wisconsin	1,000
26.	Arkansas	2,380	Nevada	1,046	Louisiana	912
27.	Indiana	2,230	<b>KENTUCKY</b>	<b>725</b>	Iowa	900
28.	Virginia	2,140	Texas	715	Michigan	805
29.	Alabama	1,840	Virginia	300	Washington	756
30.	Arizona	1,752	Maryland	168	Florida	754
31.	New Mexico	1,706	West Virginia	105	Indiana	750
32.	Mississippi	1,615	Tennessee	93	Illinois	735
33.	North Carolina	1,544	New Jersey	81	West Virginia	689
34.	Georgia	1,500	Vermont	77	South Carolina	630
35.	Nevada	1,451	North Carolina	60	Idaho	532
36.	Louisiana	912	Arkansas	50	Nevada	405
37.	West Virginia	794	Massachusetts	32	Utah	368
38.	Florida	754	Delaware	27	Maryland	360
39.	South Carolina	630	Maine	20	Vermont	340
40.	Maryland	528	Connecticut	19	Maine	210
41.	Vermont	417	New Hampshire	15	New Mexico	198
42.	New Jersey	241	Rhode Island	2	Arizona	172
43.	Maine	230			New Jersey	160
44.	Massachusetts	167			Massachusetts	135
45.	New Hampshire	109			New Hampshire	94
46.	Connecticut	94			Connecticut	75
47.	Delaware	46			Delaware	19
48.	Rhode Island	15			Rhode Island	13
<b>UNITED STATES 1/</b>		<b>159,077</b>		<b>83,924</b>		<b>75,153</b>

1/ Totals may not add due to rounding.

# 1999 STATE RANKINGS FOR CROP PRODUCTION

Rank	ALL TOBACCO		BURLEY TOBACCO		SOYBEANS FOR BEANS	
	State	Production (000 Pounds)	State	Production (000 Pounds)	State	Production (000 Bushels)
1.	North Carolina	448,980	<b>KENTUCKY</b>	<b>380,100</b>	Iowa	478,375
2.	<b>KENTUCKY</b>	<b>408,492</b>	Tennessee	103,950	Illinois	443,100
3.	Tennessee	122,601	Virginia	23,108	Minnesota	282,900
4.	Virginia	88,855	Ohio	17,052	Indiana	216,450
5.	South Carolina	78,000	North Carolina	12,480	Nebraska	180,625
6.	Georgia	64,020	Indiana	11,700	Ohio	162,000
7.	Ohio	17,052	Missouri	4,600	Missouri	147,125
8.	Florida	15,312	West Virginia	2,160	South Dakota	146,520
9.	Indiana	11,700			Arkansas	93,800
10.	Pennsylvania	11,170			Kansas	78,400
11.	Maryland	9,100			Michigan	77,600
12.	Connecticut	5,470			Wisconsin	59,800
13.	Missouri	4,600			North Dakota	46,900
14.	Wisconsin	2,818			Mississippi	44,650
15.	Massachusetts	2,327			North Carolina	29,900
16.	West Virginia	2,160			Louisiana	26,730
17.					<b>KENTUCKY</b>	<b>24,150</b>
18.					Tennessee	21,420
19.					Maryland	14,400
20.					Virginia	11,880
21.					Texas	10,260
22.					Pennsylvania	10,150
23.					South Carolina	9,000
24.					Oklahoma	6,840
25.					Delaware	5,427
26.					New York	4,736
27.					Georgia	3,610
28.					Alabama	3,200
29.					New Jersey	2,352
30.					Florida	608
<b>UNITED STATES 1/</b>		<b>1,292,657</b>		<b>555,150</b>		<b>2,642,908</b>

Rank	BARLEY		SORGHUM FOR GRAIN		SORGHUM FOR SILAGE	
	State	Production (000 Bushels)	State	Production (000 Bushels)	State	Production (000 Tons)
1.	North Dakota	59,520	Kansas	258,400	Kansas	1,440
2.	Montana	57,500	Texas	185,850	Texas	770
3.	Idaho	53,820	Nebraska	42,770	South Dakota	488
4.	Washington	28,910	Missouri	22,010	Nebraska	250
5.	Colorado	9,030	Louisiana	19,270	Colorado	170
6.	Minnesota	8,460	Oklahoma	18,000	New Mexico	160
7.	California	8,000	Arkansas	9,750	Georgia	150
8.	Wyoming	7,310	Illinois	9,215	Oklahoma	80
9.	Arizona	7,068	Colorado	8,610	Arkansas	36
10.	Oregon	6,885	New Mexico	7,425	North Carolina	36
11.	Utah	6,806	Mississippi	4,872	Missouri	32
12.	Pennsylvania	4,970	South Dakota	4,640	Mississippi	27
13.	Virginia	4,920	Georgia	1,350	Illinois	17
14.	Maryland	4,000	Tennessee	1,260	Alabama	14
15.	South Dakota	3,552	<b>KENTUCKY</b>	<b>640</b>	South Carolina	14
16.	Wisconsin	3,380	North Carolina	552	Louisiana	12
17.	Delaware	2,184	Alabama	294	<b>KENTUCKY</b>	<b>10</b>
18.	North Carolina	1,520	South Carolina	258	Tennessee	10
19.	Michigan	1,386				
20.	<b>KENTUCKY</b>	<b>640</b>				
21.	Kansas	585				
22.	Nevada	360				
23.	Texas	350				
24.	New Jersey	316				
25.	Nebraska	144				
26.	South Carolina	120				
27.	Oklahoma	117				
<b>UNITED STATES 1/</b>		<b>281,853</b>		<b>595,166</b>		<b>3,716</b>

1/Totals may not add due to rounding.

# RECORD HIGHS AND LOWS TO PRESENT FOR KENTUCKY CROPS

CROP	UNIT	YEAR	ACRES HARVESTED	YEAR	YIELD PER ACRE	YEAR	PRODUCTION
			(000)				(000)
<b>CORN</b>							
For Grain	Bu.						
High		1919	3,247	1992	132	1992	171,600
Low		1970	939	1930	10	1930	26,730
For Silage	Ton						
High		1983	234	1994	17	1982	2,772
Low		1943	15	1930	3.5	1921	103
<b>TOBACCO</b>							
Burley	Lbs.						
High		1931	365	1970	2,710	1982	551,250
Low		1987	140	1936	690	1927	130,425
Type 22, Fire	Lbs.						
High		1919	96	1996	2,720	1919	72,638
Low		1988	2.60	1938	630	1987	5,589
Type 23, Fire	Lbs.						
High		1919	109	1994	3,190	1919	82,840
Low		1973	2.50	1933	630	1973	3,925
One Sucker	Lbs.						
High		1919	54	1994	2,480	1919	42,930
Low		1988	1.85	1927	705	1989	3,608
Green River	Lbs.						
High		1919	77	1994	2,780	1919	60,060
Low		1990	.90	1927	649	1989	1,950
<b>SMALL</b>							
Wheat	Bu.						
High		1899	1,431	<b>1999</b>	<b>60</b>	1981	28,560
Low		1962	131	1885	4	1928	1,273
Barley	Bu.						
High		1942	141	<b>1999</b>	<b>80</b>	1954	3,328
Low		1906	1	1875	17.5	1899	19
<b>SOYBEANS</b>							
For Beans	Bu.						
High		1979	1,660	1996	38	1979	53,950
Low		1928	5	1930	7.5	1928	50
<b>SORGHUM</b>							
For Grain	Bu.						
High		1985	143	1996	92	1985	11,440
Low		1955	5	1956	25	1955	150
For Silage	Ton						
High		1971	13	1992	16	1971	156
Low		<b>1999</b>	<b>1</b>	1983	7	<b>1999</b>	<b>10</b>
<b>HAY</b>							
Alfalfa	Ton						
High		1965	430	1995	3.90	1989	1,406
Low		1925	61	1936	.95	1930	78
All Other	Ton						
High		<b>1999</b>	<b>2,150</b>	1998	2.30	1998	4,830
Low		1936	855	1930	.58	1936	549
<b>FRUIT</b>							
Apples Com'l	Lbs.						
High		-	-	-	-	1949	23,800
Low		-	-	-	-	1955	2,760
Peaches	Lbs.						
High		-	-	-	-	1949	20,200
Low		-	-	-	-	1994	1/

1/No significant commercial production due to freeze. NOTE: In some cases the acreage or yield or production is identical for more than one year. In such cases, the year is the latest year of occurrence.

## **1999 CROP HIGHLIGHTS**

Favorable weather and soil conditions helped to get the 1999 Kentucky crop year off to a good start. Planting of corn and first crop soybeans went well and tobacco setting was nearly ideal. Early hay cuttings were also good. Dry conditions started

in late July and lasted through September. Yields of all crops were hurt by the dry, hot weather. Crops in Western Kentucky fared better as they received some limited rain during the growing season while Eastern Kentucky remained dry.

### **BURLEY TOBACCO**

Kentucky burley tobacco production for 1999 totaled 380.1 million pounds, down 9 percent from 1998 and the smallest in 3 years. The smaller crop resulted from both a decrease in harvested acreage and lower yield. Harvested acreage at 210,000 was down 5,000 acres from 1998. The smaller acreage resulted from a reduction in effective quota. Yield per acre at 1,810 pounds was down 125 pounds from 1998. This was the lowest yield in 16 years. Barren County was the largest producing county in Kentucky for the fourth year in a row with 11.9 million pounds.

Weather in late March was mild and dry and farmers were actively seeding both float and conventional tobacco beds. By April 4 setting was 72 percent complete, ahead of the 51 percent for 1998 and the 55 percent for the 5 year average. About 74 percent of the tobacco plants came from floatbeds and greenhouses and 26 percent from conventional ground beds. Tobacco setting started the first week of May and continued at a good pace through June except when halted by dry soils. At setting time no disease problems were reported but there was some insect damage. By late June, setting of burley and dark tobacco was complete, ahead of 1998 and the five year average. Increased black shank and various insect problems were reported, with conditions worse in drier areas. There were little or no reports of blue mold. Tobacco going into July was in mostly good to fair condition, but during July hot weather and dry soils set in for the long run. Tobacco development continued to be ahead of the previous year and average. As of July 25, 53 percent of the burley crop was blooming and 27 percent had been

topped. This was ahead of the 39 and 18 percent respectively for 1998.

Hot dry weather continued in August. Blue mold was present but dry weather stopped the spread in most areas. By August 15, 22 percent of the burley crop had been cut, ahead of 1998 with 12 percent and the average of 10 percent. Dark tobacco was 23 percent cut. Black shank continued to be reported statewide while the severity of the disease was highly variable. Dry weather continued through the month except in some eastern areas where rain was received. Kentucky usually has rain in late August or early September that benefits tobacco growth but during 1999 there was none. Harvested tobacco was reported to have small leaves, low plant weights, and was drying down too fast in most barns and not curing. Tobacco cutting advanced at a very fast pace due to the early setting and hot summer.

By the end of September cutting of tobacco was nearing completion. Curing conditions during 1999 were less than ideal with a general lack of moisture, which is needed to bring hanging tobacco in and out of case prior to stripping. Rain was received statewide during the second week of October and this improved stripping conditions for a time. However, stripping was slowed again by the lack of moisture needed to bring the crop into order. Much of the tobacco marketed was light in color and poor in quality. Sales were disappointing as 42 percent of the 1999 crop was purchased by the stabilization pool compared to 12 percent the year before. Pool purchases included large quantities of good quality tobacco.

## **DARK TOBACCOS**

Production of dark fired tobacco was down from 1998 while dark air production was up. Tobacco companies increased dark tobacco purchases directly from farmers.

Type 22, Eastern Dark Fire-cured production at 8.81 million pounds was down 1 percent from 1998 and the smallest crop in 6 years.

Type 23, Western Dark Fire-cured production at

9.21 million pounds was down 9 percent from 1998 and the smallest crop in 7 years.

Type 35, One Sucker Dark Air-cured production increased 21 percent from the previous year at 6.76 million pounds. This was the largest crop in 14 years.

Type 36, Green River Air-cured was up 20 percent at 3.62 million pounds and the largest crop in 5 years.

## **CORN**

Corn for grain production was estimated at 123.9 million bushels, a decrease of 9 percent from 1998. Limited yields of 105 bushels per acre resulted from the hot, dry weather. This was down from 115 bushels in 1998. Early planted corn yielded the best. Harvested for grain acreage at 1.18 million acres was unchanged from 1998. An increased acreage was taken for silage due to low grain yields. Union County continued as the top producing grain county with a production of 11.0 million bushels.

Soil temperatures were warm in early April and corn planting got off to a good start. In mid-April planting slowed as soil temperatures turned cool and soils became wet. Farmers were concerned about ungerminated corn in the cold ground. Soil temperatures started to raise in late April and farmers were again actively planting corn. By May 2, farmers had planted 65 percent of their intended corn acreage compared to 35 percent in 1998 and 42 percent for the 5 year average. Some earlier planted corn had to be replanted in western Kentucky due to wet fields. Corn planting was nearly complete by May 30. Favorable weather and soil conditions that spring enabled farmers to plant their corn at a faster pace than in 1998 and average. Few disease problems were reported although army worms were reported by some growers. By mid-June some corn was starting to show stress due to the dry weather. Corn looked good going into July due to some rain received during June. The crop was 71 percent silked on July 11, ahead of the 39

percent in 1998. The crop was in mostly good to excellent condition and good yields were expected. Some Japanese beetle damage was experienced in western areas of the state. During July good corn yields were still expected despite potential problems due to lack of moisture and heat stress. In early August corn was under stress due to lack of moisture. As the month progressed drought conditions increased. Later planted corn was more severely stressed by the hot dry weather than earlier planted fields.

By mid-August harvest had begun for some early planted corn and yields were reported as mostly good to fair. Dry conditions continued the rapid drydown of the corn crop. Some producers chopped their corn for silage instead of shelling it for grain because of dry conditions, expected low corn prices, and shortage of forage for cattle. Harvest began in the western part of the State in late August with fair to good yields. By September 5, 36 percent of the corn crop had been harvested compared to 2 percent in 1998 and 1 percent for average. All corn had reached maturity as of September 26, ahead of 1998 and average. Some farmers rolled and baled corn residue to supplement the short hay crop. Corn harvest was virtually complete by October 31, ahead of 1998 and average. Earlier planted corn generally fared better than later planted corn. As harvest completion neared many farmers realized a better crop had been harvested than anticipated earlier in the year.

## **SOYBEANS**

Soybean production was estimated at 24.2 million bushels for 1999, a decrease of 33 percent from 1998. Yields were estimated at 21.0 bushels per acre, down 9 bushels per acre from 1998. This was the lowest yield in 16 years. Bean quality was also down. Planting of spring first crop beans progressed well, but dry conditions started in late July for the newly planted double crop soybeans. Double crop soybeans follow the wheat and barley harvest. These beans had tough going from the start in 1999 due to dry soils. Some second crop soybeans yielded only 5 bushels or less per acre. Harvested acreage at 1.15 million acres was down 4 percent from 1998. Acreage not harvested for beans was bushhogged, plowed down or harvested for hay. Union County was the leading county in soybean production with 2.56 million bushels.

Planting of single crop soybeans started the second week of May. Planting activity increased as corn planting wound down. There were some germination problems due to dry soil conditions. As of May 30, 65 percent of the intended acreage had been planted compared to 34 percent in 1998 and 29 percent for the 5 year average. Planting of single crop soybeans continued through the end of June. Planting of double crop soybeans following the small grain (winter wheat and barley) harvest started about mid-June and continued into early July.

Japanese beetles were a problem in soybeans as well as corn.

With the advent of very dry conditions in early August some early planted soybeans began to drop blooms and limit pod fill. Late planted soybeans were under greater stress and some were very short in height. Some had yet to emerge through the wheat stubble. Beans were needing significant rainfall to get a good pod fill. With drought conditions continuing through August, pod and bean fill suffered due to lack of moisture. Condition of the crop as of September 10 rated only 38 percent fair or better. Some soybeans were not harvested for beans but were instead cut for hay.

Harvesting of soybeans started in mid-September and by September 26, 24 percent of the crop had been harvested. This compared to 9 percent in 1998 and 4 percent for average. Widely scattered rain was received in early October but this was too late for all except some late planted soybeans. Early planted soybean yields were slightly below average while second crop soybean yields were severely hurt. The summer's drought hit double crop soybeans particularly hard as they were blooming and setting pods. Some second crop acres were cut for forage and other acres were abandoned.

## **OTHER CROPS**

Farmers in Kentucky produced 24.6 million bushels of winter wheat, down slightly from the 1998 crop of 24.8 million bushels. Yield per acre at 60 bushels was up 15 bushels from 1998 and ties the record yield set in 1994. Logan County continued as the leading wheat production county with 3.08 million bushels

A relatively mild winter helped keep the winter wheat crop in mostly good to excellent condition with little damage to the crop. By May 9, 82 percent of the crop was headed or heading out. The crop was in mostly good to excellent condition. Only scattered disease and lodging has been reported. Some wheat was harvested for hay and some for silage due to the low anticipated wheat price at harvest.

Drier conditions in May and June combined with adequate soil moisture to produce a good yielding

wheat crop. Harvest was completed by mid-July with very good yields and test weights.

Alfalfa hay production was estimated at 725,000 tons, down 17 percent from 1998 and the lowest production in 16 years. All other hay production at 4.09 million tons was down 15 percent from 1998. Hart County was the leading producer of alfalfa hay while Barren was the leading producer of all other hay.

Alfalfa and other hays came through the winter with minimal winter damage. First cutting alfalfa hay in May had good yield and quality. The dry summer limited the hay harvest. Due to the dry weather, farmers increased their harvested acres of all other hay and cut an additional 50,000 acres of hay to fill their needs for livestock feed.

# KENTUCKY CROP ACRES AND YIELD 1998 - 1999 <sup>1/</sup>

CROP	ACRES PLANTED		ACRES HARVESTED		YIELD PER ACRE		UNIT
	1998	1999	1998	1999	1998	1999	
	(000 Acres)		(000 Acres)		(Units)		
<b>CORN</b>							
All	1,300	1,320	1,290	1,315	-	-	
For Grain	-	-	1,180	1,180	115	105	Bu.
For Silage	-	-	110	135	15.5	12.5	Ton
<b>TOBACCO</b>							
All	-	-	226.26	221.65	1,961	1,843	Lbs.
Burley	-	-	215.00	210.00	1,935	1,810	Lbs.
Type 22, Fired	-	-	3.85	3.75	2,315	2,350	Lbs.
Type 23, Fired	-	-	3.60	3.50	2,805	2,630	Lbs.
Type 35, One Sucker	-	-	2.45	2.85	2,280	2,370	Lbs.
Type 36, Green River	-	-	1.36	1.55	2,210	2,335	Lbs.
<b>SMALL GRAINS</b>							
Wheat, Winter	750	650	550 <sup>2/</sup>	410 <sup>2/</sup>	45.0	60.0	Bu.
Barley	8	9	7 <sup>2/</sup>	8 <sup>2/</sup>	63.0	80.0	Bu.
<b>SOYBEANS</b>	1,220	1,200	1,200 <sup>3/</sup>	1,150 <sup>3/</sup>	30.0	21.0	Bu.
<b>SORGHUM</b>	10	10	8 <sup>2/</sup>	8 <sup>2/</sup>	80.0	80.0	Bu.
<b>HAY</b>							
All	-	-	2,350	2,400	2.43	2.00	Ton
Alfalfa	-	-	250	250	3.50	2.90	Ton
All Other	-	-	2,100	2,150	2.30	1.90	Ton

<sup>1/</sup>Preliminary 1999. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Harvested for Beans.

# KENTUCKY CROP PRODUCTION AND VALUE 1998 <sup>1/</sup> - 1999 <sup>2/</sup>

CROP	UNIT	PRODUCTION		AVG. VALUE PER UNIT		VALUE OF PRODUCTION	
		1998	1999	1998	1999	1998	1999
		(000 Units)		(Dollars) <sup>3/</sup>		(000 Dollars)	
<b>CORN</b>							
For Grain	Bu.	135,700	123,900	2.17	2.15	294,469	266,385
For Silage	Ton	1,705	1,688	-	-	-	-
<b>TOBACCO</b>							
All	Lbs.	443,628	408,492	1.917	1.920	850,470	784,498
Burley	Lbs.	416,025	380,100	1.903	1.900	791,696	722,190
Type 22, Fired	Lbs.	8,913	8,813	2.259	2.312	20,134	20,376
Type 23, Fired	Lbs.	10,098	9,205	2.159	2.260	21,802	20,803
Type 35, One Sucker	Lbs.	5,586	6,755	1.952	2.066	10,904	13,956
Type 36, Green River	Lbs.	3,006	3,619	1.974	1.982	5,934	7,173
<b>SMALL GRAINS</b>							
Wheat, Winter	Bu.	24,750	24,600	2.26	2.15	55,935	52,890
Barley	Bu.	441	640	1.31	1.30	578	832
<b>SOYBEANS</b>	Bu.	36,000	24,150	5.15	4.95	185,400	119,543
<b>SORGHUM</b>	Bu.	640	640	1.98	1.76	1,267	1,126
<b>HAY</b>							
All	Ton	5,705	4,810	86.00	91.50	490,630	440,115
Alfalfa	Ton	875	725	-	-	-	-
All Other	Ton	4,830	4,085	-	-	-	-
<b>FRUIT</b>							
Apples-Com'l <sup>4/</sup>	Lbs.	9,000	7,000	.284	.293	2,556	2,051
Peaches <sup>4/</sup>	Lbs.	1,500	1,500	.375	.430	563	645

<sup>1/</sup>Revised. <sup>2/</sup>Preliminary. <sup>3/</sup>Price per unit from Agricultural Prices Summary released July 2000 for all crops except tobacco, apples, and peaches. Tobacco prices from May Crop Report; apples and peaches from July Fruit Release. <sup>4/</sup>Utilized production.

## U. S. CROP ACRES AND YIELD 1998 <sup>1/</sup> - 1999 <sup>2/</sup>

CROP	ACRES PLANTED		ACRES HARVESTED		YIELD PER ACRE		UNIT
	1998	1999	1998	1999	1998	1999	
	(000 Acres)		(000 Acres)		(Units)		
<b>CORN</b>							
All	80,165	77,431	78,502	76,599	-	-	
For Grain	-	-	72,589	70,537	134.4	133.8	Bu.
For Silage	-	-	5,913	6,062	16.1	15.9	Ton
<b>TOBACCO</b>							
All	-	-	717.61	647.16	2,062	1,997	Lbs.
Burley	-	-	307.10	303.60	1,896	1,829	Lbs.
Type 22, Fired	-	-	11.15	10.75	2,325	2,304	Lbs.
Type 23, Fired	-	-	4.19	4.07	2,762	2,612	Lbs.
Type 35, One Sucker	-	-	2.98	3.45	2,238	2,325	Lbs.
Type 36, Green River	-	-	1.36	1.55	2,210	2,335	Lbs.
<b>SMALL GRAINS</b>							
Wheat, All	65,821	62,814	59,002 <sup>3/</sup>	53,909 <sup>3/</sup>	43.2	42.7	Bu.
Barley	6,337	5,223	5,864 <sup>3/</sup>	4,758 <sup>3/</sup>	60.0	59.2	Bu.
<b>SOYBEANS</b>	72,025	73,780	70,441 <sup>4/</sup>	72,476 <sup>4/</sup>	38.9	36.5	Bu.
<b>SORGHUM</b>	9,626	9,288	7,723 <sup>3/</sup>	8,544 <sup>3/</sup>	67.3	69.7	Bu.
<b>HAY</b>							
All	-	-	60,076	63,160	2.53	2.52	Ton
Alfalfa	-	-	23,672	23,985	3.48	3.50	Ton
All Other	-	-	36,404	39,175	1.91	1.92	Ton

1/Revised. 2/Preliminary. 3/Harvested for Grain. 4/Harvested for Beans.

## U. S. CROP PRODUCTION AND VALUE 1998 <sup>1/</sup> - 1999 <sup>2/</sup>

CROP	UNIT	PRODUCTION		AVG. VALUE PER UNIT		VALUE OF PRODUCTION	
		1998	1999	1998	1999	1998	1999
		(000 Units)		(Dollars) <sup>3/</sup>		(000 Dollars)	
<b>CORN</b>							
For Grain	Bu.	9,758,685	9,437,337	1.94	1.90	18,931,849	17,930,940
For Silage	Ton	95,479	96,169	-	-	-	-
<b>TOBACCO</b>							
All	Lbs.	1,479,867	1,292,657	1.828	1.828	2,700,795	2,356,238
Burley	Lbs.	582,336	555,150	1.903	1.899	1,108,236	1,054,171
Type 22, Fired	Lbs.	25,922	24,773	2.254	2.313	58,421	57,307
Type 23, Fired	Lbs.	11,573	10,630	2.159	2.261	24,987	24,039
Type 35, One Sucker	Lbs.	6,657	8,021	1.946	2.064	12,953	16,559
Type 36, Green River	Lbs.	3,006	3,619	1.974	1.982	5,934	7,173
<b>SMALL GRAINS</b>							
Wheat, All	Bu.	2,547,321	2,302,443	2.65	2.55	6,750,401	5,871,230
Barley	Bu.	352,125	281,853	1.98	2.05	697,208	577,799
<b>SOYBEANS</b>	Bu.	2,741,014	2,642,908	4.93	4.75	13,513,199	12,553,813
<b>SORGHUM</b>	Bu.	519,933	595,166	1.66	1.65	863,089	982,024
<b>HAY</b>							
All	Ton	151,780	159,077	84.60	77.00	12,840,588	12,248,929
Alfalfa	Ton	82,310	83,924	-	-	-	-
All Other	Ton	69,470	75,153	-	-	-	-
<b>FRUIT</b>							
Apples-Com'l <sup>4/</sup>	Lbs.	10,762,500	10,394,500	.122	.148	1,316,172	1,535,301
Peaches <sup>4/</sup>	Lbs.	2,325,600	2,421,200	.192	.191	447,305	462,907

1/Revised. 2/Preliminary. 3/Price per unit from Agricultural Prices Summary released July 2000 for all crops except tobacco, apples, and peaches. Tobacco prices from May Crop Report; apples and peaches from July Fruit Release. 4/Utilized production.

# APPLES AND PEACHES

Utilized production of commercial apples in Kentucky totaled 7.00 million pounds in 1999, down from 1998. Prices averaged 29.3 cents per pound, up 0.9 cents from 1998 but still down from the record high 31.6 cents in 1996. The value of utilized production totaled \$2.05 million, down from the \$2.56 million in 1998. Kentucky orchards received minimal winter damage thanks to a mild winter, and expectations were high. Producers were optimistic for an excellent crop after a promising spring. However, the prolonged summer drought decreased both the quality and the quantity of the 1999 apple crop.

U.S. utilized apple production for 1999 was estimated at 10.4 billion pounds, 3 percent less than 1998. Production in Eastern States increased as a result of favorable spring growing conditions but was more than offset by production decreases in Washington, Colorado, and Idaho.

Kentucky's utilized peach production totaled 1.50 million pounds in 1999 unchanged from 1998. Prices averaged 43.0 cents per pound, up 5.5 cents from 1998 but well below the record high 62.3 cents per pound of 1996. Value of all utilized 1999 production totaled \$645,000 compared to \$563,000 in 1998. The favorable winter and spring conditions experienced by the apple crop provided similarly high expectations for the peach crop in 1999. Unfortunately the drought took a toll on the quantity of peaches harvested. The drought had one beneficial effect on the peach crop with sweeter fruit harvested due to the concentrations of the sugars.

U.S. utilized peach production in 1999 was estimated at 2.42 billion pounds, up 4 percent from last year but 3 percent below 1997. The California crop, accounting for 74 percent of the U.S. peach crop, was up 4 percent from 1998.

## KENTUCKY APPLES UTILIZED PRODUCTION AND VALUE 1990 - 1999

YEAR	FRESH UTILIZATION		PROCESSED UTILIZATION		TOTAL UTILIZATION		
	Quantity	Price Per Pound	Quantity	Price Per Ton	Quantity	Price Per Pound	Value of Production
	(Mil Lbs.)	(Cents)	(Mil Lbs.)	(Dollars)	(Mil Lbs.)	(Cents)	(\$1,000)
1990	7.0	22.0	1.0	200.00	8.0	20.5	1,640
1991	15.0	23.0	1.0	160.00	16.0	22.1	3,530
1992	14.0	23.0	1.0	220.00	15.0	22.2	3,330
1993	16.0	21.0	2.0	140.00	18.0	19.4	3,500
1994	5.8	23.0	0.7	200.00	6.5	21.6	1,404
1995	8.7	27.8	1.4	224.00	10.1	25.5	2,576
1996	8.5	32.4	1.1	510.00	9.6	31.6	3,035
1997	4.9	27.0	0.9	420.00	5.8	26.1	1,512
1998	9.0	28.4	0.0	0.00	9.0	28.4	2,556
<b>1999</b>	<b>6.6</b>	<b>30.5</b>	<b>0.4</b>	<b>188.00</b>	<b>7.0</b>	<b>29.3</b>	<b>2,051</b>

## KENTUCKY PEACHES UTILIZED PRODUCTION AND VALUE 1990 - 1999

YEAR	FRESH UTILIZATION		PROCESSED UTILIZATION		TOTAL UTILIZATION		
	Quantity	Price Per Pound	Quantity	Price Per Ton	Quantity	Price Per Pound	Value of Production
	(Mil Lbs.)	(Cents)	(Mil Lbs.)	(Dollars)	(Mil Lbs.)	(Cents)	(\$1,000 )
1990	1/	1/	-	-	1/	1/	1/
1991	3.7	35.0	-	-	3.7	35.0	1,295
1992	3.7	29.0	-	-	3.7	29.0	1,073
1993	5.6	30.0	-	-	5.6	30.0	1,680
1994	1/	1/	-	-	1/	1/	1/
1995	3.9	32.2	-	-	3.9	32.2	1,256
1996	0.4	62.3	-	-	0.4	62.3	249
1997	0.5	30.0	-	-	0.5	30.0	150
1998	1.5	37.5	-	-	1.5	37.5	563
<b>1999</b>	<b>1.5</b>	<b>43.0</b>	<b>-</b>	<b>-</b>	<b>1.5</b>	<b>43.0</b>	<b>645</b>

1/No significant commercial production due to freeze.

# **WEATHER SUMMARY - 1999**

Very mild temperatures the second half of **January** completely offset a very cold start to 1999 with monthly average temperatures considerably above normal. Cold temperatures during the first two weeks of January included several snow events (freezing rain, snow and sleet). The average temperature was 38 degrees across the State which was 6 degrees above normal. Precipitation totaled 6.57 inches statewide which was 3.38 inches above normal.

**February** temperatures remained mild averaging 42 degrees across the State which was 6 degrees above normal. Extreme high temperatures in the mid 70's on the 10th and 11th set new records. Precipitation totaled 2.70 inches statewide which was 0.83 inches below normal. Monthly snowfall totals ranged from 1 to 4 inches across the State with slightly higher amounts in the Southeast.

Unlike the first two months of 1999, **March** was drier and cooler. Temperatures averaged 42 degrees across the State which was 3 degrees below normal. Record-breaking high temperatures occurred on the 17th and were in the mid 70's. At the beginning of March, soils were well saturated statewide but the drier conditions during the month allowed field operations to start. Precipitation totaled 3.06 inches statewide which was 1.52 inches below normal.

**April** brought a continuance of Kentucky's roller-coaster temperatures. Average temperatures in April reversed the below normal temperatures of March with an average of 59 degrees across the State, which was 3 degrees above normal and 4 degrees warmer than 1998 with no freezes during the month. Drier than normal conditions were the rule in the State with the exception in the western section where wetter conditions occurred. The dry conditions allowed for fieldwork to become active across most of the State. Precipitation totaled 3.70 inches statewide which was 0.52 inches below normal.

Dry conditions from the previous months continued throughout **May**. With only 65 percent of normal rainfall received, May 1999 was the 22nd driest May in the past 105 years. By month's end, one climate zone was considered in the moderate drought category. Planting was postponed in portions of the State waiting for precipitation. Although mild temperatures were the rule for the first half of the month, cooler than normal temperatures during the final week of the month lowered the monthly average temperature. Temperatures averaged 66 degrees across the State which was near normal. Rainfall totaled 2.91 inches statewide which was 1.79 inches below normal.

The roller-coaster ride continued in **June** with a drought to start the month, low temperatures' mid-month and heavy rains to end the month. The dry conditions during May continued for over half of June with 2 climatic zones dipping into the moderate drought category. By mid-June crops were suffering, with yields in jeopardy. Beneficial rainfall occurred during the latter part of the month which provided timely moisture for crops in most areas of the State. Temperatures averaged 74 degrees across the State which was 1 degree above normal. Rainfall totaled 4.63 inches statewide which was 0.81 inches above normal.

**July** was the 6th hottest and 6th driest on record. Temperatures averaged 80 degrees across the State which was 4 degrees above normal. Most locations reported 17 plus days with high temperatures at or exceeding 90 degrees. Several locations had 10-15 days straight with highs at or exceeding 90+ degrees. Dry conditions were of concern for most of the month with all four climate zones dipping into drought categories. Precipitation for the month totaled 2.44 inches statewide which was -2.15 inches below normal.

Drought conditions deepened across Kentucky during **August**. Dry conditions and very warm temperatures with lengthy spells of hot weather dominated Kentucky's weather for August which was cooler and nearly a ½ inch drier than July. Each week had above normal temperatures and below normal rainfall. For the month as a whole, statewide temperatures averaged 76 degrees which was 2 degrees above normal. Rainfall totaled 1.92 inches statewide which was 1.93 inches below normal. This was the eighth driest August. Pasture growth ceased and crops were stressed by the drought. Farmers were forced to begin feeding livestock their winter hay supply to compensate for tight grazing conditions.

After the drought conditions in July and August, above normal temperatures and below normal rainfall in **September** made the 3-month period the driest in Kentucky this Century. Drought conditions continued making it the 13th driest this Century and placing most of the State in extreme drought conditions. Temperatures averaged 69 degrees across the State which was 2 degrees above normal. Rainfall totaled 1.35 inches statewide which was 2.19 inches below normal.

**October** would have been a dry month had it not been for one rainfall event in mid-month. Unseasonably cool weather in the last week caused scattered frost across the State. Temperatures averaged 57 degrees across the State which was near normal. Rainfall totaled 3.25 inches statewide which was 0.35 inches above normal.

Temperatures for *November* averaged 51 degrees across the State which was 5 degrees above normal. Temperatures were so mild that the first 28 days of the month broke records back to 1895, but as was the case all year major temperature changes were only days away. The final few days of November were very cool and lowered the average for the month, but even with the cooler temperatures the month ranked as the 13th warmest November since 1895. Drought conditions continued to plague the Bluegrass State. Rainfall totaled 2.53 inches statewide which was 1.50 inches below normal. Harvest was 2 weeks ahead of schedule for most crops due to the hot dry weather.

Drought conditions continued in the Bluegrass State during *December* as the lack of rainfall amounts for the month fell below normal. Temperatures on the other hand, were generally very mild for the majority of the month, except the final week to 10 days where very cold air dominated. Temperatures averaged 40 degrees across the State which was 4 degrees above normal. Precipitation totaled 3.49 inches statewide which was 0.73 inches below normal.

Condensed version of narrative provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agricultural Weather Center. Additional Kentucky weather data are available on the internet at:  
<http://www.wagwx.ca.uky.edu/>

# KENTUCKY CLIMATOLOGICAL DATA - 1999 <sup>1/</sup>

Division and Month	TEMPERATURE IN DEGREES <sup>2/</sup>				PRECIPITATION IN INCHES <sup>2/</sup>		
	Average	Departure from Normal	Highest	Lowest	Average	Departure from Normal	Most in 24 Hours
<b>WESTERN</b>							
January	38.60	5.50	71	2	7.63	4.17	4.42
February	44.80	7.40	79	17	2.17	-1.88	1.40
March	44.50	-3.50	75	17	3.53	-1.45	1.31
April	61.40	3.30	86	34	4.63	-0.16	3.40
May	67.10	0.50	89	43	3.92	-0.92	2.55
June	76.10	1.40	99	49	6.80	3.02	5.34
July	81.90	3.70	105	58	2.15	-2.14	3.25
August	78.00	1.40	106	42	0.60	-3.03	1.33
September	71.00	0.70	103	32	0.69	-2.95	1.20
October	59.90	1.10	87	26	3.46	0.39	4.60
November	54.70	6.40	85	20	1.70	-2.82	1.76
December	41.10	3.30	72	6	4.10	-0.58	2.60
<b>CENTRAL</b>							
January	38.80	6.40	75	- 1	7.09	3.59	4.25
February	42.40	5.90	77	11	2.89	-1.07	1.97
March	42.50	-4.50	76	18	3.50	-1.36	1.38
April	59.20	2.60	86	28	3.63	-0.84	2.01
May	65.60	0.60	91	31	3.34	-1.75	2.13
June	74.10	1.10	97	43	5.38	1.30	3.00
July	80.40	3.80	107	55	1.67	-3.28	3.13
August	76.80	1.50	102	47	1.24	-2.62	1.25
September	69.60	0.50	102	33	1.56	-2.29	1.70
October	57.80	0.30	87	24	2.96	-0.07	3.46
November	52.50	5.10	82	15	2.15	-2.12	1.23
December	39.60	2.20	72	- 2	3.86	-0.81	2.17
<b>BLUEGRASS</b>							
January	36.00	5.50	77	- 8	5.46	2.52	2.78
February	39.80	5.60	79	10	3.13	-0.04	1.58
March	40.30	-4.40	75	14	3.24	-1.23	1.50
April	57.00	2.60	89	28	2.38	-1.70	0.79
May	65.00	1.60	89	36	2.03	-2.64	1.48
June	73.50	2.10	97	43	4.64	0.83	2.02
July	79.60	4.40	105	54	1.94	-2.81	1.64
August	75.00	1.00	102	45	1.87	-1.93	2.80
September	68.20	0.40	100	32	1.51	-1.90	1.97
October	56.30	0.10	84	23	2.56	-0.30	2.28
November	50.50	4.50	83	15	1.99	-1.61	1.41
December	37.20	1.50	69	- 6	3.27	-0.54	2.04
<b>EASTERN</b>							
January	37.60	5.30	80	- 4	6.97	3.40	4.00
February	39.50	3.70	80	8	2.77	-0.82	1.28
March	40.40	-5.30	80	8	3.17	-1.27	2.21
April	57.40	2.70	88	19	3.40	-0.61	1.32
May	63.90	0.70	90	30	2.44	-2.19	1.93
June	72.20	1.30	100	38	3.57	-0.43	3.62
July	77.90	3.30	104	48	2.73	-2.27	1.84
August	73.70	0.00	105	42	3.20	-0.76	3.89
September	66.10	-1.30	97	31	1.37	-2.18	1.32
October	55.60	-0.20	84	17	2.92	-0.17	2.55
November	49.60	3.40	87	13	3.16	-0.73	2.22
December	37.90	1.10	70	- 7	2.67	-1.48	1.44
<b>STATE ANNUAL <sup>3/</sup></b>	57.68	2.01	107	- 8	38.26	-10.13	5.34

<sup>1/</sup>Furnished by National Weather Service and University of Kentucky Agricultural Weather Center, from Monthly Summarized Station & Divisional Data. <sup>2/</sup>All measurements are plus unless otherwise indicated. <sup>3/</sup>Derived from four Climatological Divisions.

# PRECIPITATION 1999 CROP GROWING SEASON

MONTHLY TOTALS, 1999 AND 30-YEAR AVERAGE, SELECTED WEATHER STATIONS AND AGRICULTURAL STATISTICS DISTRICTS 1/

STATION	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		SEASON	
	AVG	1999	AVG	1999	AVG	1999	AVG	1999	AVG	1999	AVG	1999	AVG	1999
<b><u>DISTRICT 1</u></b>														
Golden Pond	4.78	4.57	4.80	2.37	3.68	6.29	4.11	1.45	3.64	0.46	3.74	0.47	24.75	15.61
Lovellsville	5.10	4.93	4.73	4.11	4.02	6.79	4.50	3.12	3.28	0.44	3.54	0.38	25.17	19.77
Mayfield	5.05	4.46	5.01	2.89	3.37	6.47	4.49	1.76	3.83	0.12	3.97	0.72	25.72	16.42
Murray	5.07	5.39	4.87	4.49	4.10	7.24	4.72	4.36	3.62	0.07	3.89	0.42	26.27	21.97
Paducah	5.01	6.60	4.94	3.71	4.05	8.97	4.19	0.28	3.34	0.54	3.69	0.66	25.22	20.76
<b>AVERAGE</b>	<b>5.00</b>	<b>5.19</b>	<b>4.87</b>	<b>3.51</b>	<b>3.84</b>	<b>7.15</b>	<b>4.40</b>	<b>2.19</b>	<b>3.54</b>	<b>0.33</b>	<b>3.77</b>	<b>0.53</b>	<b>25.42</b>	<b>18.91</b>
<b><u>DISTRICT 2</u></b>														
Beaver Dam	4.32	2.68	4.84	4.43	3.49	5.76	4.47	0.98	3.38	0.41	3.89	0.77	24.39	15.03
Franklin	4.39	4.59	5.12	3.17	4.41	3.48	4.64	2.88	3.06	1.00	3.62	0.88	25.24	16.00
Henderson	4.26	4.94	4.55	3.72	3.79	5.37	4.09	1.87	3.17	1.36	3.46	0.43	23.32	17.69
Madisonville	5.12	4.30	4.74	3.93	3.44	10.85	4.28	1.93	3.63	1.01	3.48	0.50	24.69	22.52
Princeton	4.80	5.85	4.96	3.34	3.85	4.52	4.29	4.61	4.01	1.00	3.33	0.72	25.24	20.04
Russellville	4.59	3.55	5.26	4.33	4.45	5.00	4.54	1.68	3.55	1.21	3.93	1.77	26.32	17.54
Seabee	4.50	4.44	4.52	4.46	3.43	6.17	4.16	1.35	3.68	0.76	3.26	0.45	23.55	17.63
<b>AVERAGE</b>	<b>4.57</b>	<b>4.34</b>	<b>4.86</b>	<b>3.91</b>	<b>3.84</b>	<b>5.88</b>	<b>4.35</b>	<b>2.19</b>	<b>3.50</b>	<b>0.96</b>	<b>3.57</b>	<b>0.79</b>	<b>24.68</b>	<b>18.06</b>
<b><u>DISTRICT 3</u></b>														
Albany	4.22	3.30	4.70	3.84	4.63	7.08	5.06	4.56	3.80	3.87	3.99	1.06	26.40	23.71
Bardstown	4.71	4.38	5.04	2.90	3.91	4.97	5.21	1.89	3.61	1.69	3.64	1.29	26.12	17.12
Bowling Green	4.44	2.60	5.15	3.23	4.18	4.20	4.85	1.11	3.56	0.95	3.85	2.52	26.03	14.61
Bradfordville	4.67	4.51	5.08	2.32	4.40	5.99	5.16	0.93	3.90	2.42	4.16	2.14	27.37	18.31
Glendale	4.45	3.69	4.66	3.01	3.65	4.03	4.89	1.14	3.45	0.91	3.93	3.06	25.03	15.84
Greensburg	4.34	3.33	5.61	2.22	4.40	4.31	5.06	2.90	4.44	0.78	4.02	2.21	27.87	15.75
Leitchfield	4.31	4.19	4.87	3.23	3.79	5.42	4.77	2.83	3.78	0.51	3.65	1.21	25.17	17.39
Liberty	4.30	4.50	5.16	2.37	4.52	3.11	5.08	0.62	4.51	4.32	4.27	1.66	27.84	16.58
Louisville	4.23	3.04	4.62	3.12	3.46	6.36	4.51	0.34	3.54	0.97	3.16	1.74	23.52	15.57
Scottsville	4.53	4.63	5.50	5.04	4.61	5.97	4.46	2.96	3.78	0.95	3.66	1.39	26.54	20.94
Shepherdsville	4.11	3.69	4.42	2.50	3.79	8.32	4.53	0.92	3.70	1.35	3.14	0.90	23.69	17.68
Summer Shade	4.23	3.12	4.90	4.12	4.58	3.55	5.23	2.60	3.72	2.43	4.11	2.09	26.77	17.91
<b>AVERAGE</b>	<b>4.38</b>	<b>3.75</b>	<b>4.98</b>	<b>3.16</b>	<b>4.16</b>	<b>5.28</b>	<b>4.90</b>	<b>1.90</b>	<b>3.82</b>	<b>1.76</b>	<b>3.80</b>	<b>1.77</b>	<b>26.04</b>	<b>17.62</b>
<b><u>DISTRICT 4</u></b>														
Carrollton	4.05	1.69	4.50	1.17	3.72	5.01	4.19	2.91	3.64	1.07	2.98	0.53	23.08	12.38
Covington	3.75	2.88	4.28	1.98	3.84	3.16	4.24	3.16	3.35	2.61	2.88	0.86	22.34	14.65
Lockport	4.40	2.49	5.16	1.31	3.97	5.82	4.42	1.83	4.30	0.52	3.32	1.06	25.57	13.03
Williamstown	4.15	2.41	4.41	1.22	3.77	3.19	4.53	2.37	3.73	1.71	3.19	1.39	23.78	12.29
<b>AVERAGE</b>	<b>4.09</b>	<b>2.37</b>	<b>4.59</b>	<b>1.42</b>	<b>3.83</b>	<b>4.30</b>	<b>4.35</b>	<b>2.57</b>	<b>3.76</b>	<b>1.48</b>	<b>3.09</b>	<b>0.96</b>	<b>23.69</b>	<b>13.09</b>
<b><u>DISTRICT 5</u></b>														
Cynthiana	4.18	1.95	4.54	1.00	3.67	3.12	4.39	2.36	3.55	1.40	3.20	1.31	23.53	11.14
Danville	4.25	2.55	4.66	3.26	4.13	5.54	4.76	1.31	3.48	2.39	3.68	3.14	24.96	18.19
Eastern Ky Univ	4.12	3.05	4.65	2.35	4.03	2.63	4.96	2.12	4.08	1.18	3.53	1.91	25.37	13.24
Farmers	4.01	1.86	4.58	2.24	3.98	2.23	5.66	1.90	4.06	3.17	3.40	1.38	25.69	12.78
Frankfort	3.78	2.14	4.66	1.31	3.55	8.30	4.30	1.11	3.55	0.68	3.36	0.75	23.20	14.29
Lexington	3.88	2.23	4.47	1.31	3.66	5.38	5.00	2.47	3.93	0.99	3.20	1.39	24.14	13.77
Maysville	4.03	3.19	4.74	1.63	3.54	2.03	4.58	1.60	3.96	3.62	3.13	1.69	23.98	13.76
Shelbyville	4.06	2.84	5.09	2.43	3.72	7.37	4.84	1.82	3.72	0.52	3.25	0.94	24.68	15.92
Springfield	4.25	3.12	4.88	2.75	3.83	3.24	4.83	1.80	3.81	1.38	3.78	3.22	25.38	15.51
<b>AVERAGE</b>	<b>4.06</b>	<b>2.55</b>	<b>4.70</b>	<b>2.03</b>	<b>3.79</b>	<b>4.43</b>	<b>4.81</b>	<b>1.83</b>	<b>3.79</b>	<b>1.70</b>	<b>3.39</b>	<b>1.75</b>	<b>24.54</b>	<b>14.29</b>
<b><u>DISTRICT 6</u></b>														
Ashland	3.60	2.00	4.26	2.11	3.83	1.98	4.87	1.03	3.96	3.36	2.81	1.57	23.33	12.05
Barbourville	4.10	2.88	5.04	3.26	4.52	5.43	5.30	4.28	3.67	1.80	3.77	1.67	26.40	19.32
Baxter	4.03	2.83	4.77	3.12	4.47	3.79	5.17	2.97	4.12	2.78	3.36	1.70	25.92	17.19
Grayson	3.63	3.95	4.26	1.04	3.84	2.20	4.86	3.24	3.75	4.78	2.75	0.64	23.09	15.85
Hazard	3.97	2.94	4.70	2.90	4.54	3.12	5.24	2.35	4.09	1.34	3.87	1.09	26.41	13.74
Jackson	3.95	3.44	4.63	2.47	4.25	2.66	5.14	2.75	3.91	6.58	3.66	1.13	25.54	19.03
Manchester	4.03	4.33	4.89	1.17	4.06	3.74	5.23	4.04	3.66	1.95	3.92	1.03	25.79	16.26
Monticello	4.30	5.21	4.68	3.30	4.16	5.79	4.61	1.06	3.89	1.14	4.09	2.36	25.73	18.86
Mount Vernon	4.46	4.32	5.08	2.70	4.46	4.77	4.97	2.80	3.90	3.17	4.00	1.43	26.87	19.19
Paintsville	3.74	2.09	4.21	1.46	3.71	1.02	5.13	1.63	3.73	5.20	3.36	0.99	23.88	12.39
Somerset	4.35	3.63	5.07	3.25	4.24	5.02	4.89	1.62	3.92	1.89	4.00	1.82	26.47	17.23
West Liberty	3.93	2.78	4.51	1.53	3.67	2.24	5.50	4.42	3.90	2.24	3.21	1.15	24.72	14.36
Williamsburg	4.04	2.88	4.85	3.31	4.15	3.53	4.61	3.76	4.27	2.82	3.91	1.37	25.83	17.67
<b>AVERAGE</b>	<b>4.01</b>	<b>3.33</b>	<b>4.69</b>	<b>2.43</b>	<b>4.15</b>	<b>3.48</b>	<b>5.04</b>	<b>2.77</b>	<b>3.91</b>	<b>3.00</b>	<b>3.59</b>	<b>1.38</b>	<b>25.38</b>	<b>16.40</b>
<b>STATE AVERAGE</b>	<b>4.35</b>	<b>3.59</b>	<b>4.78</b>	<b>2.74</b>	<b>3.94</b>	<b>5.09</b>	<b>4.64</b>	<b>2.24</b>	<b>3.72</b>	<b>1.54</b>	<b>3.54</b>	<b>1.20</b>	<b>24.96</b>	<b>16.40</b>

1/Individual station averages 1961-1990. District and State averages computed.

# FREEZE DATE PROBABILITIES 1961 - 1990

## Last Spring Occurrence

District & Station	Earliest	90%	50%	10%	Latest
<b><u>DISTRICT 1</u></b>					
Golden Pond	March 17	March 22	April 6	April 21	May 27
Lovellaceville	March 7	March 30	April 12	April 25	May 9
Mayfield	March 22	March 29	April 12	April 26	May 4
Paducah	March 7	March 21	April 4	April 18	April 23
<b><u>DISTRICT 2</u></b>					
Beaver Dam	March 22	March 31	April 17	May 4	May 10
Henderson	March 22	March 26	April 8	April 21	May 1
Hopkinsville	March 22	March 26	April 9	April 23	May 1
Madisonville	March 11	March 25	April 9	April 24	May 4
Owensboro	March 22	March 28	April 11	April 25	May 4
Princeton	March 22	March 26	April 12	April 29	May 27
<b><u>DISTRICT 3</u></b>					
Bowling Green	March 22	March 26	April 10	April 25	May 4
Campbellsville	March 22	March 30	April 13	April 27	May 10
Glasgow	March 22	April 1	April 16	May 1	May 10
Greensburg	March 23	April 3	April 18	May 3	May 13
Leitchfield	March 22	March 31	April 18	May 6	May 10
Louisville	March 22	March 24	April 10	April 27	May 10
Mammoth Cave	March 29	April 7	April 25	May 13	May 27
Scottsville	March 22	March 23	April 10	April 28	May 27
<b><u>DISTRICT 4</u></b>					
Carrollton	April 3	April 7	April 21	May 5	May 9
Covington	March 25	April 6	April 20	May 4	May 10
Falmouth	April 9	April 13	May 1	May 19	June 1
Williamstown	March 25	April 1	April 18	May 5	May 27
<b><u>DISTRICT 5</u></b>					
Berea College	March 25	April 1	April 15	April 29	May 10
Danville	March 23	March 31	April 14	April 28	May 11
Farmers	April 3	April 13	April 30	May 17	May 27
Frankfort	April 2	April 6	April 20	May 4	May 10
Lexington	March 25	April 3	April 17	May 1	May 10
Maysville	March 26	April 3	April 22	May 11	May 27
Shelbyville	March 26	April 5	April 23	May 11	May 17
<b><u>DISTRICT 6</u></b>					
Ashland	April 11	April 16	May 3	May 20	June 11
Barbourville	March 26	April 9	April 26	May 13	May 27
London	March 22	April 4	April 22	May 10	May 27
Manchester	April 11	April 15	May 3	May 21	June 5
Middlesboro	April 8	April 14	April 29	May 14	May 27
Mount Vernon	April 7	April 13	April 28	May 13	May 27
Somerset	March 23	April 4	April 22	May 10	May 27
Williamsburg	April 3	April 6	April 23	May 10	May 27

Data are norms from the 1961 - 1990 period with the average date of the last temperatures of 32 degrees or lower being shown in the 50 percent column. All freeze data are based on temperatures at approximately 5 feet above ground and in a representative exposure.

# PROBABILITY OF 32° OR LOWER TEMPERATURES ON OR BEFORE INDICATED DATES IN FALL

Division & Station	Earliest	10%	50%	90%	Latest
<b>WESTERN</b>					
Beaver Dam	Sept. 25	Oct. 1	Oct. 18	Nov. 4	Nov. 12
Golden Pond	Sept. 30	Oct. 9	Oct. 26	Nov. 12	Nov. 16
Henderson	Oct. 3	Oct. 6	Oct. 23	Nov. 9	Nov. 21
Hopkinsville	Sept. 22	Oct. 4	Oct. 21	Nov. 7	Nov. 13
Lovelaceville	Sept. 22	Oct. 2	Oct. 15	Oct. 28	Nov. 4
Madisonville	Oct. 3	Oct. 6	Oct. 20	Nov. 3	Nov. 12
Mayfield	Oct. 3	Oct. 7	Oct. 21	Nov. 4	Nov. 13
Owensboro	Oct. 3	Oct. 5	Oct. 20	Nov. 4	Nov. 14
Paducah	Oct. 3	Oct. 10	Oct. 25	Nov. 9	Nov. 13
Princeton	Oct. 3	Oct. 7	Oct. 22	Nov. 6	Nov. 14
<b>CENTRAL</b>					
Bowling Green	Oct. 3	Oct. 8	Oct. 23	Nov. 7	Nov. 14
Campbellsville	Oct. 3	Oct. 7	Oct. 22	Nov. 6	Nov. 14
Glasgow	Oct. 3	Oct. 5	Oct. 20	Nov. 4	Nov. 14
Greensburg	Sept. 25	Oct. 3	Oct. 18	Nov. 2	Nov. 11
Leitchfield	Oct. 3	Oct. 6	Oct. 19	Nov. 1	Nov. 8
Louisville	Oct. 3	Oct. 14	Oct. 29	Nov. 13	Nov. 25
Mammoth Cave	Sept. 24	Sept. 30	Oct. 14	Oct. 28	Nov. 8
Scottsville	Oct. 6	Oct. 11	Oct. 26	Nov. 10	Nov. 21
<b>BLUEGRASS</b>					
Berea College	Sept. 24	Oct. 5	Oct. 24	Nov. 12	Nov. 21
Carrollton	Oct. 3	Oct. 5	Oct. 18	Oct. 31	Nov. 8
Covington	Oct. 2	Oct. 5	Oct. 18	Oct. 31	Nov. 8
Danville	Oct. 3	Oct. 11	Oct. 25	Nov. 8	Nov. 20
Dix Dam	Sept. 27	Oct. 3	Oct. 12	Nov. 11	Nov. 21
Falmouth	Sept. 8	Sept. 21	Oct. 9	Oct. 27	Nov. 8
Farmers	Sept. 21	Sept. 29	Oct. 13	Oct. 27	Nov. 8
Frankfort	Oct. 3	Oct. 6	Oct. 20	Nov. 3	Nov. 13
Lexington	Oct. 2	Oct. 10	Oct. 24	Nov. 7	Nov. 14
Maysville	Oct. 3	Oct. 7	Oct. 20	Nov. 2	Nov. 8
Shelbyville	Sept. 22	Sept. 27	Oct. 12	Oct. 27	Nov. 14
Williamstown	Oct. 2	Oct. 9	Oct. 22	Nov. 4	Nov. 10
<b>EASTERN</b>					
Ashland	Sept. 7	Sept. 25	Oct. 13	Oct. 31	Nov. 4
Barbourville	Oct. 2	Oct. 8	Oct. 22	Nov. 5	Nov. 13
Baxter	Sept. 22	Oct. 3	Oct. 8	Nov. 5	Nov. 13
London	Sept. 24	Sept. 30	Oct. 14	Oct. 28	Nov. 13
Manchester	Sept. 7	Sept. 25	Oct. 13	Oct. 31	Nov. 8
Middlesboro	Sept. 30	Oct. 4	Oct. 18	Nov. 1	Nov. 14
Mount Vernon	Oct. 2	Oct. 2	Oct. 14	Oct. 26	Nov. 4
Somerset	Oct. 2	Oct. 2	Oct. 15	Oct. 28	Nov. 5
Williamsburg	Sept. 25	Oct. 5	Oct. 19	Nov. 2	Nov. 13

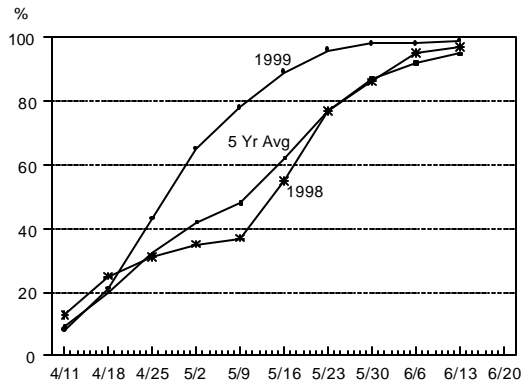
# USUAL PLANTING AND HARVESTING DATES

CROPS	USUAL PLANTING DATES	USUAL HARVESTING DATES			PRINCIPAL PRODUCING DIST. OR COUNTIES
		Begin	Most Active	End	
Corn <u>1</u> /	Apr. 12 - June 8	Sept. 8	9/22 - 10/20	Nov. 15	Statewide
Soybeans	May 10 - July 5	Oct. 1	10/18 - 11/10	Nov. 18	Districts 1, 2, 3
Tobacco <u>2</u> / Burley - Type 31	May 10 - June 15	Aug. 8	8/21 - 9/15	Oct. 1	Statewide
Dark Fired - Type 22	May 12 - June 20	Aug. 5	8/18 - 9/10	Oct. 1	Christian, Logan, Todd, Trigg
Dark Fired - Type 23	May 12 - June 20	Aug. 5	8/18 - 9/10	Oct. 1	Calloway, Graves
One Sucker - Type 35	May 12 - June 20	Aug. 5	8/18 - 9/10	Oct. 1	Graves, Logan, Simpson, Todd
Green River - Type 36	May 12 - June 20	Aug. 5	8/18 - 9/10	Oct. 1	Daviess, Henderson, McLean, Webster
Winter Wheat	Sept. 23 - Nov. 20	June 12	6/20 - 7/1	July 10	Districts 1, 2, 3, 5
Barley	Sept. 25 - Oct. 20	June 1	6/5 - 6/15	June 25	Districts 2, 3
Sorghum Grain	May 10 - July 1	Sept. 25	10/10 - 11/10	Nov. 15	Districts 1, 2
Alfalfa Hay		May 5	5/15 - 9/1	Sept. 15	Districts 3, 4, 5
All Other Hay		May 15	6/1 - 9/1	Oct. 10	Districts 2, 3, 5, 6
Apples		June 25	9/1 - 10/15	Oct. 30	Casey, Clinton, Daviess, Graves, Hardin, Mason, Pulaski, Warren, Woodford
Peaches		July 1	7/10 - 8/20	Aug. 30	Graves, Pulaski Trimble, Warren
Popcorn	Apr. 25 - June 10	Sept. 20	10/1 - 10/25	Nov. 15	Calloway, Christian, Hopkins, McCracken, Marshall

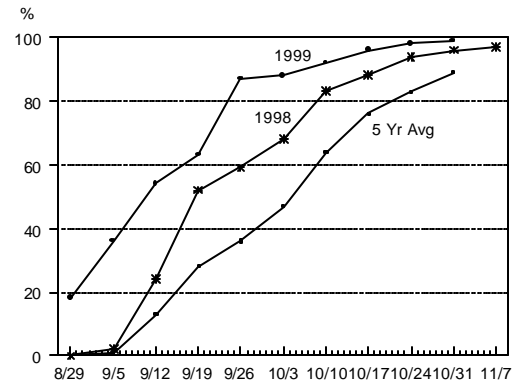
1/Dates refer to corn Harvested for Grain. 2/Planting dates refer to tobacco set in the field.

# CROP PROGRESS - 1998, 1999 & 5 YEAR AVERAGE

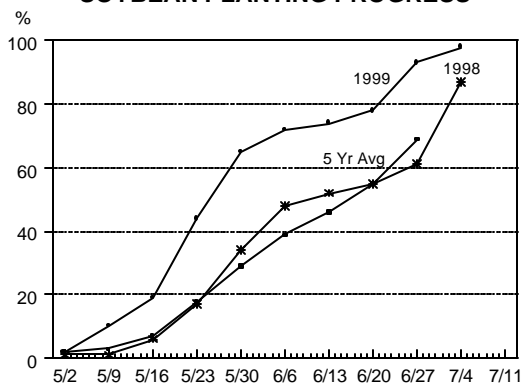
## CORN PLANTING PROGRESS



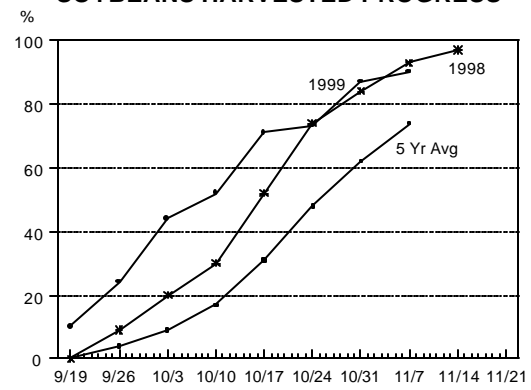
## CORN HARVESTED PROGRESS



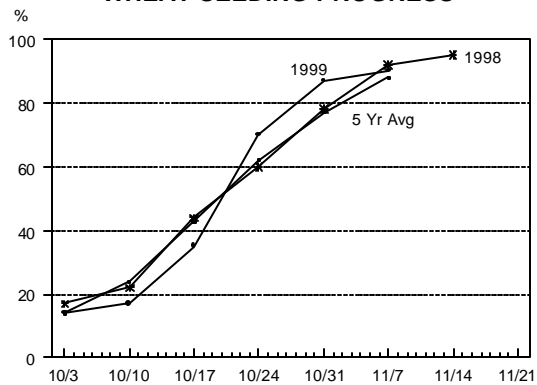
## SOYBEAN PLANTING PROGRESS



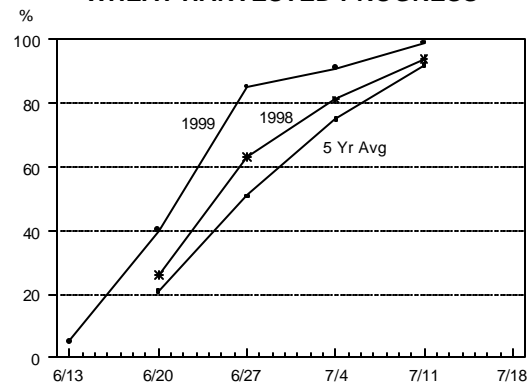
## SOYBEANS HARVESTED PROGRESS



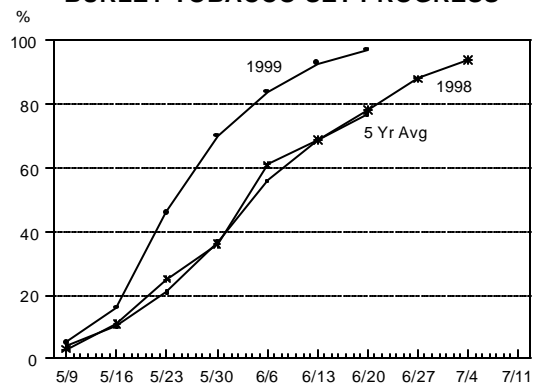
## WHEAT SEEDING PROGRESS



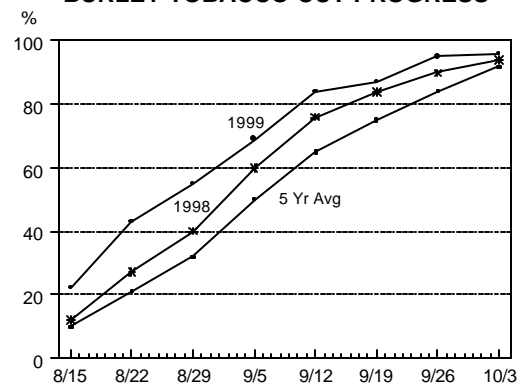
## WHEAT HARVESTED PROGRESS



## BURLEY TOBACCO SET PROGRESS



## BURLEY TOBACCO CUT PROGRESS



# KENTUCKY STOCKS OF GRAIN BY QUARTER 1996 - 2000

Year	OFF FARMS <u>1/</u>				TOTAL STOCKS <u>2/</u>			
	P-Dec 1	Mar 1	June 1	Sept 1	P-Dec 1	Mar 1	June 1	Sept
(Thousand Bushels)								
<b>CORN <u>3/</u></b>								
1996	14,111	12,464	6,870	1,937	74,111	30,464	14,470	4,437
1997	16,433	13,170	9,326	3,603	85,433	46,170	24,826	9,603
1998	15,606	15,771	8,384	4,007	72,606	41,771	23,384	11,007
1999	15,026	14,359	9,101	3,063	86,026	45,359	24,101	9,063
<b>2000</b>	<b>17,237</b>	<b>18,947</b>	<b>11,442</b>		<b>86,237</b>	<b>50,947</b>	<b>27,442</b>	
<b>ALL WHEAT <u>4/</u></b>								
1996	3,196	938	212	5,055	*	*	*	*
1997	2,379	1,610	<u>5/</u>	6,907	*	*	*	*
1998	5,478	2,819	1,003	9,282	*	*	*	*
1999	6,962	4,557	2,421	9,772	*	*	*	*
<b>2000</b>	<b>6,532</b>	<b>3,796</b>	<b>2,211</b>		*	*	*	
<b>SOYBEANS <u>3/</u></b>								
1996	13,037	10,217	6,632	<u>5/</u>	32,037	16,217	8,532	<u>5/</u>
1997	13,952	8,472	5,607	<u>5/</u>	34,952	14,472	7,107	<u>5/</u>
1998	12,907	6,287	2,502	772	32,407	*	*	*
1999	11,031	8,918	3,893	1,134	*	*	*	*
<b>2000</b>	<b>7,573</b>	<b>7,371</b>	<b>4,154</b>		*	*	*	

# U.S. STOCKS OF GRAIN BY QUARTER 1996 - 2000

Year	OFF FARMS <u>1/</u>				TOTAL STOCKS <u>2/</u>			
	P-Dec 1	Mar 1	June 1	Sept 1	P-Dec 1	Mar 1	June 1	Sept
(Thousand Bushels)								
<b>CORN <u>3/</u></b>								
1996	2,145,774	1,799,341	937,794	229,342	6,105,774	3,799,541	1,717,894	425,942
1997	2,102,974	1,624,128	995,550	408,161	6,902,974	4,494,128	2,496,550	883,161
1998	2,424,756	1,964,898	1,209,757	667,803	7,246,756	4,939,898	3,039,757	1,307,803
1999	2,731,846	2,128,428	1,359,225	989,977	8,051,846	5,698,428	3,616,225	1,786,977
<b>2000</b>	<b>2,844,701</b>	<b>2,301,958</b>	<b>1,557,112</b>		<b>8,024,701</b>	<b>5,601,958</b>	<b>3,586,912</b>	
<b>ALL WHEAT <u>4/</u></b>								
1996	861,267	602,914	301,410	899,696	1,338,267	823,464	376,020	1,724,196
1997	634,660	501,069	289,047	1,281,998	1,218,810	821,819	443,607	2,076,348
1998	1,015,242	766,644	498,268	1,499,595	1,619,242	1,166,564	722,478	2,385,315
1999	1,215,481	979,191	668,208	1,556,983	1,895,681	1,450,411	945,918	2,445,043
<b>2000</b>	<b>1,236,811</b>	<b>992,115</b>	<b>723,293</b>		<b>1,885,611</b>	<b>1,415,295</b>	<b>950,073</b>	
<b>SOYBEANS <u>3/</u></b>								
1996	971,929	678,356	388,701	123,935	1,833,429	1,190,356	622,801	183,458
1997	889,984	541,754	283,890	88,233	1,825,084	1,055,754	499,890	131,833
1998	951,417	565,922	275,654	115,499	1,999,417	1,202,922	593,654	199,799
1999	999,440	642,338	390,573	203,482	2,186,440	1,457,338	848,573	348,482
<b>2000</b>	<b>1,032,875</b>	<b>666,233</b>	<b>404,996</b>		<b>2,182,875</b>	<b>1,396,233</b>	<b>774,996</b>	

1/Includes stocks at mills, elevators, warehouses, terminals, and processors. 2/Includes on farm and off farm stocks. 3/Marketing year runs from September 1 to August 31. 4/Marketing year runs from June 1 to May 31. 5/Confidential. 6/Revised. \* No estimate published (Kentucky included in unallocated U.S. total for on-farm wheat and on-farm soybeans). (P-Dec 1) Previous year.

# OFF-FARM AND ON-FARM GRAIN STORAGE CAPACITY

Capacity of off-farm commercial grain storage totaled 8.09 billion bushels in the United States on December 1, 1999, up 1 percent from December 1, 1998. Twenty-three States and New England showed increases from a year earlier, 14 States recorded decreases in capacity and three States were unchanged.

Illinois continued to lead all States in off-farm storage capacity, followed by Iowa, Kansas, Nebraska and Texas. The top five States accounted for 51 percent of the Nation's off-farm storage capacity on December 1, 1999. Kentucky ranks 25th among States reporting capacity, with 59.2 million bushels.

U.S. off-farm grain storage facilities totaled 9,995 on December 1, 1999, 277 fewer than December 1, 1998. Kentucky ranks 16th, with 217 facilities, a decrease of 1 facility since December 1, 1998.

The United States on-farm grain storage capacity totaled 11.2 billion bushels on December 1, 1999, up slightly from December 1, 1998. Kentucky on-farm grain storage capacity totaled 180 million bushels, unchanged from December 1, 1998.

## KENTUCKY OFF-FARM & ON-FARM GRAIN STORAGE CAPACITY, DECEMBER 1, 1985 - 1999

DATE	Off-Farm Storage		On-Farm Storage
	Number of Facilities	Rated Storage Capacity	Rated Storage Capacity
(December 1)		(1,000 Bu.)	(1,000 Bu.)
1985	224	56,350	NA
1990	262	61,350	190,000
1994	238	57,500	180,000
1995	236	55,510	170,000
1996	233	57,820	190,000
1997	229	59,250	180,000
1998	218	58,870	180,000
<b>1999</b>	<b>217</b>	<b>59,200</b>	<b>180,000</b>

NA - Not Available

## SELECTED STATES OFF-FARM & ON-FARM GRAIN STORAGE CAPACITY DECEMBER 1, 1998 - 1999

State	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity		Rated On-Farm Storage Capacity	
	12 - 1 - 98	12 - 1 - 99	12 - 1 - 98	12 - 1 - 99	12 - 1 - 98	12 - 1 - 99
			(1,000 Bu.)		(1,000 Bu.)	
Illinois	1,013	1,018	1,081,720	1,094,050	1,230,000	1,220,000
Indiana	430	409	342,400	351,810	670,000	650,000
<b>KENTUCKY</b>	<b>218</b>	<b>217</b>	<b>58,870</b>	<b>59,200</b>	<b>180,000</b>	<b>180,000</b>
Missouri	482	471	227,600	228,880	420,000	420,000
Ohio	507	486	337,830	342,370	430,000	430,000
Tennessee	225	211	58,510	55,500	65,000	65,000
UNITED STATES	10,272 <u>1/</u>	9,995	8,003,190 <u>1/</u>	8,087,250	11,130,000 <u>1/</u>	11,150,000

1/Revised. Off-farm capacity data includes all elevators, warehouses, terminals, merchant mills, other storage and oilseed crushers which store grain, soybeans, sunflower seeds, or flaxseed.

# BURLEY TOBACCO COUNTY ESTIMATES - 1999 <sup>1/</sup>

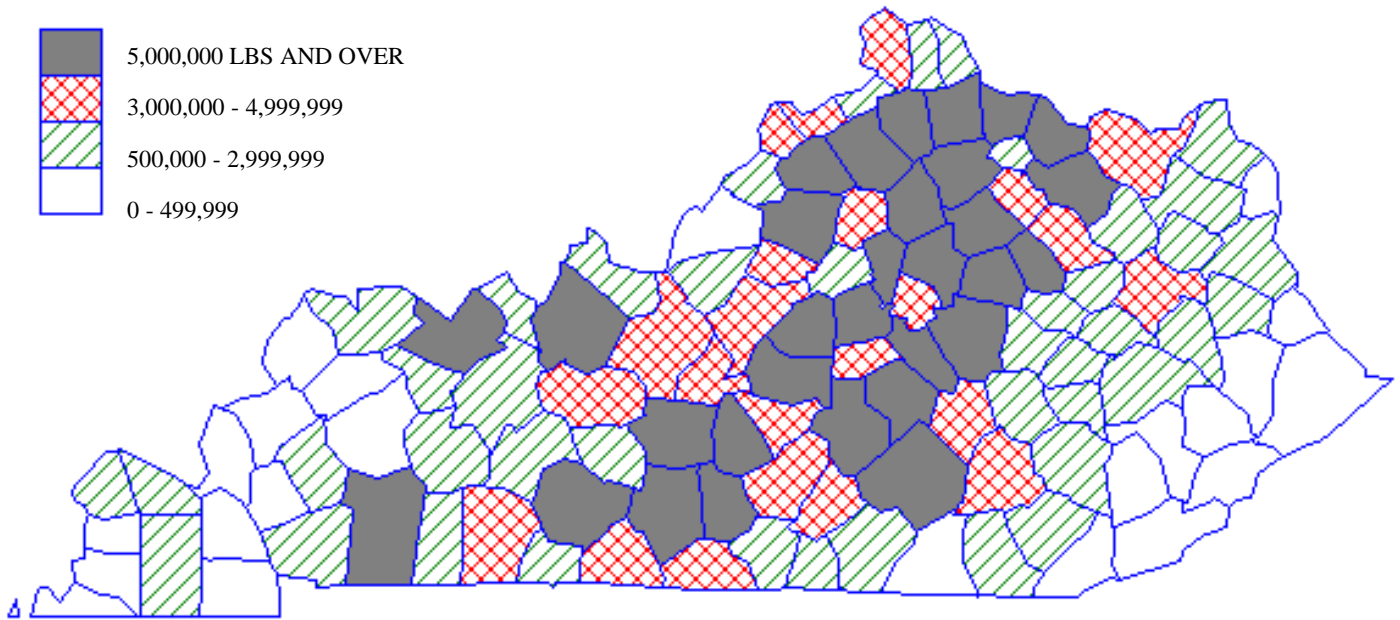
District and County	Acres Harv.	Yield Harv. Acre	Production	District and County	Acres Harv.	Yield Harv. Acre	Production
			(Pounds)				(Pounds)
Ballard	1,560	1,600	2,499,000	Anderson	1,650	1,730	2,851,000
Calloway	200	1,985	397,000	Bath	3,320	1,505	4,994,000
Carlisle	235	1,965	462,000	Bourbon	5,590	1,615	9,030,000
Graves	395	1,850	730,000	Boyle	2,120	1,765	3,747,000
Hickman	38	1,340	51,000	Clark	3,640	1,740	6,327,000
Lyon	210	1,910	401,000	Fayette	5,230	1,705	8,917,000
McCracken	575	1,645	947,000	Fleming	4,100	1,430	5,858,000
Marshall	165	1,940	320,000	Franklin	2,430	1,975	4,798,000
Trigg	740	1,880	1,390,000	Garrard	3,130	1,895	5,933,000
Other Counties	12	1,415	17,000	Harrison	4,460	1,825	8,142,000
<b>DISTRICT 1</b>	4,130	1,745	7,214,000	Jessamine	3,040	1,570	4,775,000
Caldwell	615	1,565	961,000	Lincoln	3,320	1,815	6,030,000
Christian	3,160	1,805	5,704,000	Madison	5,120	1,825	9,343,000
Crittenden	18	1,665	30,000	Mason	4,380	1,560	6,837,000
Daviess	2,910	2,080	6,049,000	Mercer	3,390	1,745	5,911,000
Hancock	1,210	1,925	2,329,000	Montgomery	3,530	1,550	5,464,000
Henderson	390	1,875	732,000	Nicholas	2,560	1,510	3,864,000
Hopkins	235	1,495	351,000	Robertson	1,510	1,125	1,698,000
Logan	1,490	2,055	3,061,000	Scott	4,100	2,160	8,847,000
McLean	755	1,820	1,374,000	Shelby	4,970	2,090	10,389,000
Muhlenberg	425	2,045	870,000	Spencer	1,980	1,770	3,504,000
Ohio	1,270	1,905	2,421,000	Washington	3,480	1,920	6,673,000
Simpson	940	1,955	1,837,000	Woodford	4,070	1,895	7,710,000
Todd	1,060	2,140	2,271,000	<b>DISTRICT 5</b>	81,120	1,745	141,642,000
Union	7	1,855	13,000	Boyd	25	1,440	36,000
Webster	165	1,865	308,000	Breathitt	830	1,800	1,495,000
<b>DISTRICT 2</b>	14,650	1,930	28,311,000	Carter	1,700	1,685	2,865,000
Adair	2,320	1,865	4,324,000	Clay	1,480	1,780	2,635,000
Allen	2,110	1,550	3,269,000	Elliott	1,760	1,120	1,968,000
Barren	6,110	1,945	11,870,000	Estill	855	1,760	1,504,000
Breckinridge	4,070	1,800	7,316,000	Greenup	1,150	1,570	1,803,000
Bullitt	820	1,360	1,117,000	Jackson	1,540	1,895	2,918,000
Butler	480	1,740	835,000	Johnson	370	1,550	574,000
Casey	3,300	1,750	5,775,000	Knox	555	1,780	987,000
Clinton	1,240	1,765	2,187,000	Laurel	2,460	1,730	4,260,000
Cumberland	1,520	1,435	2,178,000	Lawrence	300	2,110	633,000
Edmonson	910	1,710	1,558,000	Lee	330	1,930	637,000
Grayson	1,940	1,835	3,556,000	Leslie	14	1,570	22,000
Green	3,210	1,920	6,165,000	Lewis	2,460	1,665	4,101,000
Hardin	2,090	1,825	3,815,000	McCreary	42	1,500	63,000
Hart	4,740	1,875	8,889,000	Magoffin	1,170	1,255	1,469,000
Jefferson	275	1,600	440,000	Menifee	830	1,585	1,317,000
Larue	1,690	1,875	3,167,000	Morgan	2,230	1,665	3,711,000
Marion	2,800	2,015	5,643,000	Owsley	1,110	1,400	1,553,000
Meade	915	1,520	1,392,000	Perry	21	1,525	32,000
Metcalfe	2,750	1,960	5,396,000	Powell	545	1,545	843,000
Monroe	1,810	1,810	3,273,000	Pulaski	3,300	1,995	6,591,000
Nelson	2,580	1,675	4,326,000	Rockcastle	1,790	1,960	3,505,000
Russell	1,900	1,740	3,304,000	Rowan	975	1,475	1,439,000
Taylor	2,700	1,840	4,966,000	Wayne	1,480	1,815	2,684,000
Warren	2,830	2,015	5,696,000	Whitley	325	1,905	619,000
<b>DISTRICT 3</b>	55,110	1,825	100,457,000	Wolfe	1,460	1,395	2,034,000
Boone	1,560	1,985	3,097,000	Other Counties	13	1,460	19,000
Bracken	3,240	2,070	6,713,000	<b>DISTRICT 6</b>	31,120	1,680	52,317,000
Campbell	295	2,365	697,000	<b>KENTUCKY</b>	210,000	1,810	380,100,000
Carroll	1,890	1,975	3,737,000				
Gallatin	915	2,370	2,169,000				
Grant	2,590	2,235	5,792,000				
Henry	4,330	2,005	8,679,000				
Kenton	770	1,955	1,505,000				
Oldham	700	1,960	1,372,000				
Owen	3,330	2,265	7,548,000				
Pendleton	2,420	2,180	5,275,000				
Trimble	1,830	1,955	3,575,000				
<b>DISTRICT 4</b>	23,870	2,100	50,159,000				

## TOP PRODUCING COUNTIES

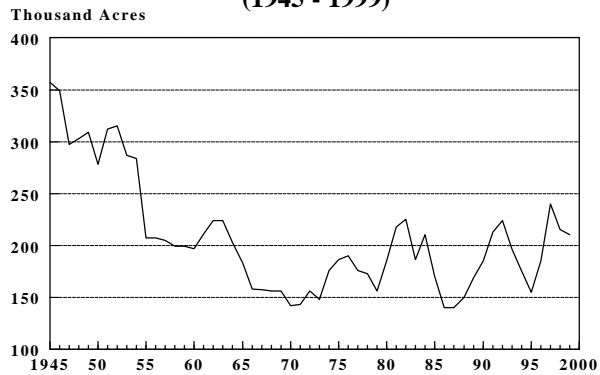
	(Pounds)
Barren	11,870,000
Shelby	10,389,000
Madison	9,343,000
Bourbon	9,030,000
Fayette	8,917,000

<sup>1/</sup>Preliminary.

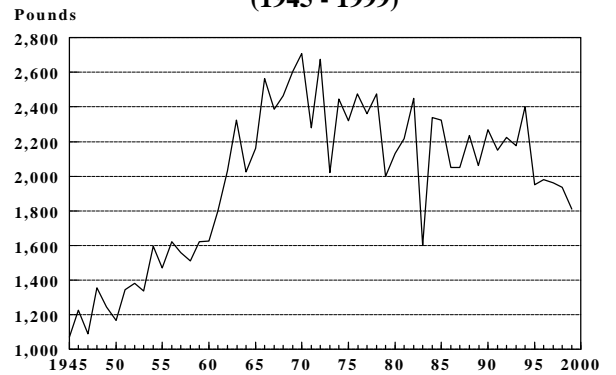
# BURLEY TOBACCO PRODUCTION - 1999



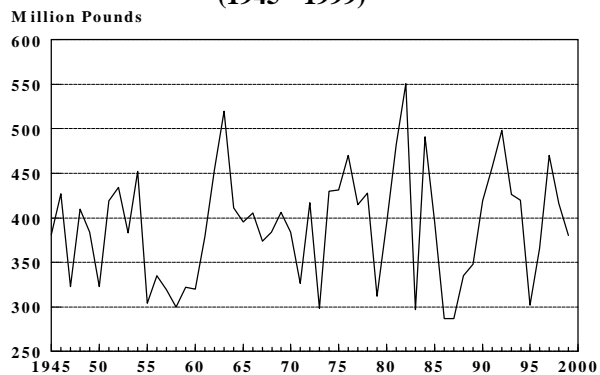
**Kentucky Burley Tobacco  
Harvested Acres  
(1945 - 1999)**



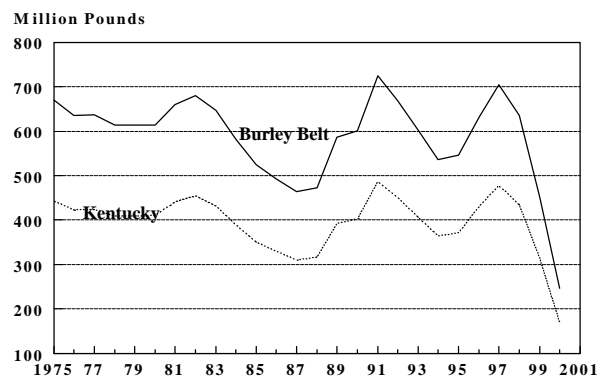
**Kentucky Burley Tobacco  
Yield Per Harvested Acre  
(1945 - 1999)**



**Kentucky Burley Tobacco  
Production  
(1945 - 1999)**



**Kentucky and Burley Belt (8 State)  
Burley Tobacco Basic Quotas  
(1975 - 2000)**



# 2000 BURLEY TOBACCO POUNDAGE QUOTAS

District and County	Number of Farms 1/	Basic Quota	Effective Quota	District and County	Number of Farms 1/	Basic Quota	Effective Quota
(Pounds)				(Pounds)			
Ballard	891	1,081,775	1,296,625	Anderson	1,108	1,378,915	1,980,713
Calloway	570	202,757	281,795	Bath	1,111	2,541,729	3,329,022
Carlisle	348	203,399	274,587	Bourbon	1,380	4,770,540	6,842,553
Fulton	3	1,305	3,687	Boyle	975	1,864,649	2,152,507
Graves	870	333,807	431,863	Clark	1,415	2,907,535	3,795,188
Hickman	57	23,927	38,235	Fayette	1,097	4,596,531	6,635,001
Livingston	22	7,172	16,075	Fleming	1,537	3,070,998	3,567,916
Lyon	307	182,582	328,667	Franklin	970	2,309,829	3,102,851
McCracken	718	455,900	674,020	Garrard	1,301	2,898,125	3,665,072
Marshall	594	173,227	321,483	Harrison	1,475	3,777,154	4,703,569
Trigg	714	651,195	846,188	Jessamine	1,470	2,849,937	4,121,708
<b>DISTRICT 1</b>	5,094	3,317,046	4,513,225	Lincoln	2,027	2,643,209	3,035,431
Caldwell	725	435,099	612,092	Madison	2,014	4,322,275	5,922,868
Christian	1,883	2,461,565	2,774,961	Mason	994	3,430,430	4,247,331
Crittenden	40	13,596	17,065	Mercer	1,521	2,728,695	3,230,646
Daviess	1,977	2,781,803	3,031,147	Montgomery	1,086	2,602,948	3,529,129
Hancock	714	925,454	1,102,200	Nicholas	854	2,134,423	3,037,037
Henderson	536	322,084	407,683	Robertson	409	983,749	1,385,492
Hopkins	326	144,922	241,493	Scott	1,491	4,259,116	5,405,600
Logan	1,697	1,373,784	1,657,110	Shelby	2,017	4,601,866	5,218,176
McLean	834	595,551	722,328	Spencer	837	1,595,565	1,916,914
Muhlenberg	682	390,637	598,293	Washington	1,292	2,741,833	2,915,345
Ohio	1,466	1,036,778	1,452,100	Woodford	1,176	4,187,588	6,091,558
Simpson	866	792,158	1,090,773	<b>DISTRICT 5</b>	29,557	69,197,639	89,831,627
Todd	1,011	1,030,569	1,123,714	Bell	3	2,845	7,175
Union	17	5,553	8,157	Boyd	28	21,901	42,163
Webster	326	125,788	179,211	Breathitt	848	512,928	769,992
<b>DISTRICT 2</b>	13,100	12,435,341	15,018,327	Carter	1,459	1,327,316	1,828,405
Adair	2,010	1,850,471	2,061,950	Clay	1,198	1,069,823	1,320,523
Allen	1,563	1,377,468	1,639,740	Elliott	983	840,427	1,154,318
Barren	2,843	4,818,420	5,088,705	Estill	775	625,220	910,525
Breckinridge	1,797	2,942,145	3,155,384	Floyd	8	2,361	6,711
Bullitt	593	515,780	773,613	Greenup	969	758,142	1,048,150
Butler	645	325,764	452,955	Harlan	1	5,743	5,743
Casey	2,247	2,385,906	2,780,056	Jackson	1,435	1,279,385	1,657,151
Clinton	1,222	923,760	1,034,398	Johnson	534	279,564	670,069
Cumberland	945	997,305	1,184,194	Knox	690	383,913	494,700
Edmonson	882	688,189	878,750	Laurel	2,310	1,749,350	2,141,817
Grayson	1,888	1,568,762	1,979,731	Lawrence	563	280,934	517,611
Green	1,511	2,407,664	2,454,012	Lee	510	247,848	298,077
Hardin	1,941	1,706,587	2,043,350	Leslie	51	39,637	132,094
Hart	1,786	3,555,391	3,716,087	Letcher	1	1,238	3,497
Jefferson	264	210,293	372,596	Lewis	1,132	1,907,526	2,149,554
Larue	1,050	1,308,155	1,381,914	McCreary	82	25,337	35,202
Marion	1,127	2,233,753	2,283,192	Magoffin	1,113	713,868	1,247,761
Meade	922	703,778	835,506	Menifee	611	588,477	723,588
Metcalfe	1,435	2,222,774	2,310,693	Morgan	1,517	1,567,426	2,017,925
Monroe	1,472	1,497,612	1,622,345	Owsley	862	728,677	885,376
Nelson	1,480	1,906,252	2,323,635	Perry	40	27,573	87,899
Russell	1,733	1,365,954	1,453,520	Powell	501	391,014	723,070
Taylor	1,373	2,006,182	2,090,985	Pulaski	3,290	2,647,960	3,219,985
Warren	2,475	2,367,207	3,255,947	Rockcastle	1,274	1,300,796	1,416,977
<b>DISTRICT 3</b>	35,204	41,885,572	47,173,258	Rowan	881	650,752	940,426
Boone	1,270	1,238,231	1,446,852	Wayne	1,496	1,182,034	1,287,864
Bracken	995	2,616,107	2,950,442	Whitley	519	226,920	253,518
Campbell	491	274,078	315,295	Wolfe	816	828,512	1,171,399
Carroll	474	1,521,183	1,642,672	<b>DISTRICT 6</b>	26,500	22,215,447	29,169,265
Gallatin	466	858,409	927,149	<b>KENTUCKY</b>	120,601	169,619,234	208,702,975
Grant	1,545	2,343,774	2,697,425				
Henry	1,291	3,787,207	4,002,735				
Kenton	787	553,285	719,641				
Oldham	457	569,176	715,990				
Owen	1,370	3,221,129	3,583,228				
Pendleton	1,330	2,027,653	2,365,336				
Trimble	670	1,557,957	1,630,508				
<b>DISTRICT 4</b>	11,146	20,568,189	22,997,273				

1/Number of farms by FSA definition with a poundage quota. An individual farmer may operate one or more farms with a poundage quota.

# DARK FIRE-CURED TOBACCO COUNTY ESTIMATES - 1999 <sup>1/</sup>

## EASTERN DARK, TYPE 22

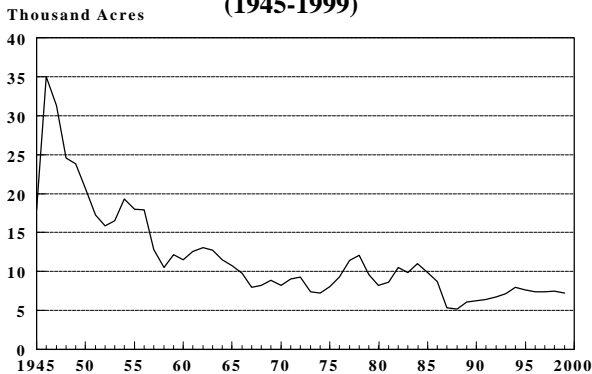
County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Caldwell	255	1,940	495,000
Christian	1,220	2,445	2,983,000
Logan	350	2,515	880,000
Lyon	215	1,630	350,000
Muhlenberg	305	2,105	642,000
Simpson	33	2,820	93,000
Todd	660	2,695	1,779,000
Trigg	710	2,235	1,587,000
Other Counties	2	2,000	4,000
<b>STATE TOTAL</b>	<b>3,750</b>	<b>2,350</b>	<b>8,813,000</b>

## WESTERN DARK, TYPE 23

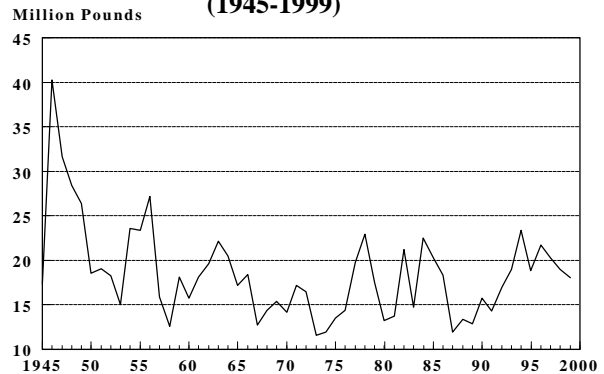
County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Ballard	10	2,100	21,000
Calloway	1,480	2,690	3,984,000
Carlisle	130	2,630	342,000
Graves	1,620	2,660	4,309,000
Hickman	63	2,300	145,000
McCracken	57	2,000	114,000
Marshall	140	2,070	290,000
<b>STATE TOTAL</b>	<b>3,500</b>	<b>2,630</b>	<b>9,205,000</b>

<sup>1/</sup>Preliminary.

**Kentucky Dark Fire-Cured Tobacco  
Harvested Acres  
(1945-1999)**



**Kentucky Dark Fire-Cured Tobacco  
Production  
(1945-1999)**



# DARK AIR-CURED TOBACCO COUNTY ESTIMATES - 1999 <sup>1/</sup>

## ONE SUCKER, TYPE 35

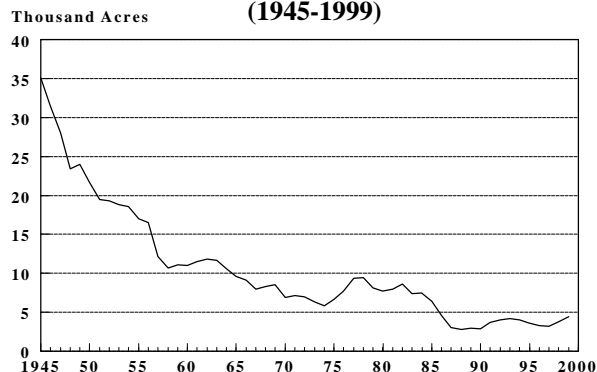
County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Allen	57	1,700	97,000
Butler	28	2,320	65,000
Caldwell	49	2,080	102,000
Calloway	73	2,425	177,000
Carlisle	25	2,240	56,000
Christian	35	2,515	88,000
Graves	415	2,420	1,004,000
Hickman	29	1,830	53,000
Logan	1,210	2,470	2,990,000
Lyon	15	1,865	28,000
Marshall	46	1,825	84,000
Muhlenberg	71	1,930	137,000
Simpson	390	2,185	853,000
Todd	345	2,595	896,000
Trigg	16	2,065	33,000
Warren	40	1,950	78,000
Other Counties	6	2,335	14,000
<b>STATE TOTAL</b>	<b>2,850</b>	<b>2,370</b>	<b>6,755,000</b>

## GREEN RIVER, TYPE 36

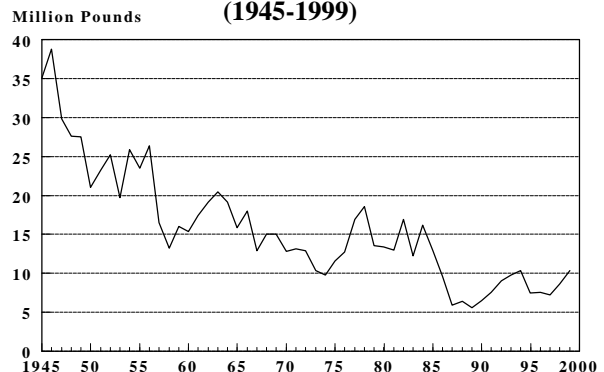
County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Daviess	510	2,625	1,339,000
Hancock	7	2,570	18,000
Henderson	265	2,235	592,000
Hopkins	99	2,170	215,000
McLean	315	2,280	718,000
Ohio	84	2,025	170,000
Webster	265	2,100	557,000
Other Counties	5	2,000	10,000
<b>STATE TOTAL</b>	<b>1,550</b>	<b>2,335</b>	<b>3,619,000</b>

<sup>1/</sup>Preliminary.

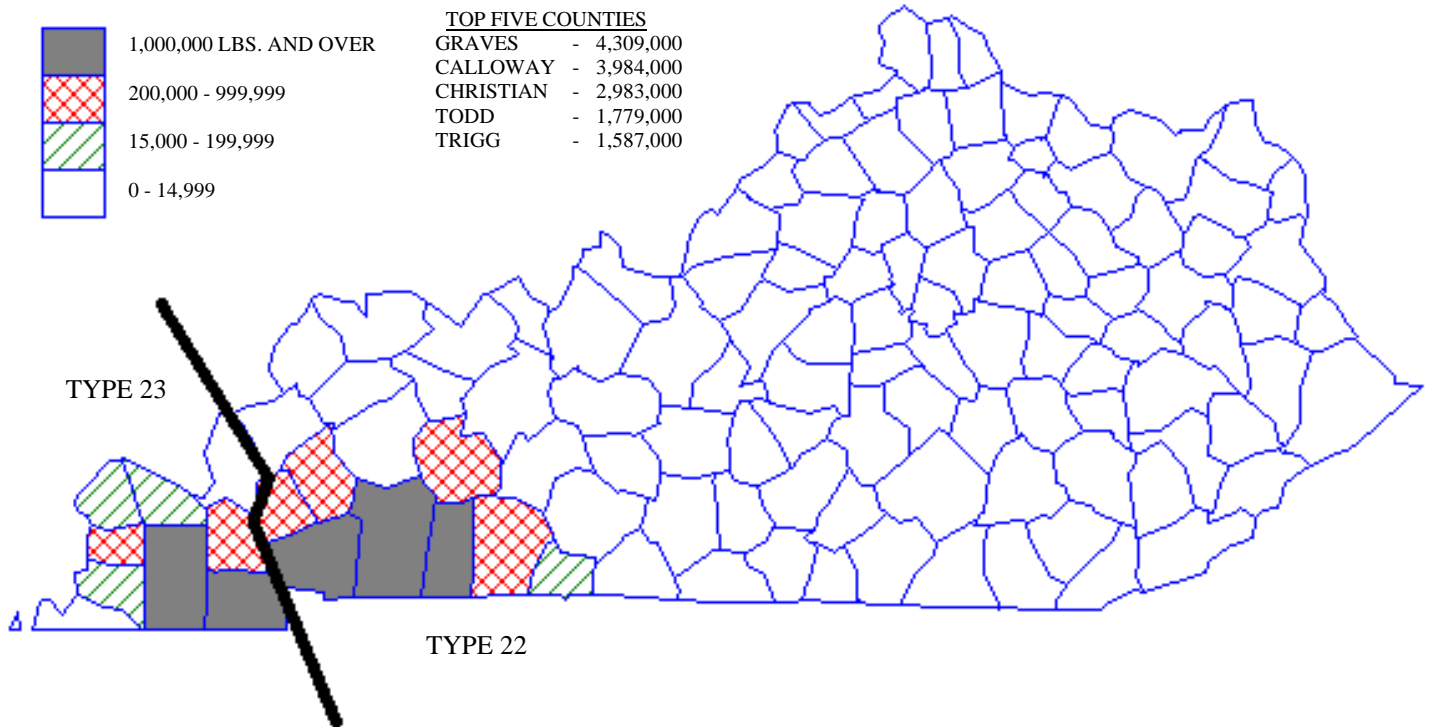
**Kentucky Dark Air-Cured Tobacco  
Harvested Acres  
(1945-1999)**



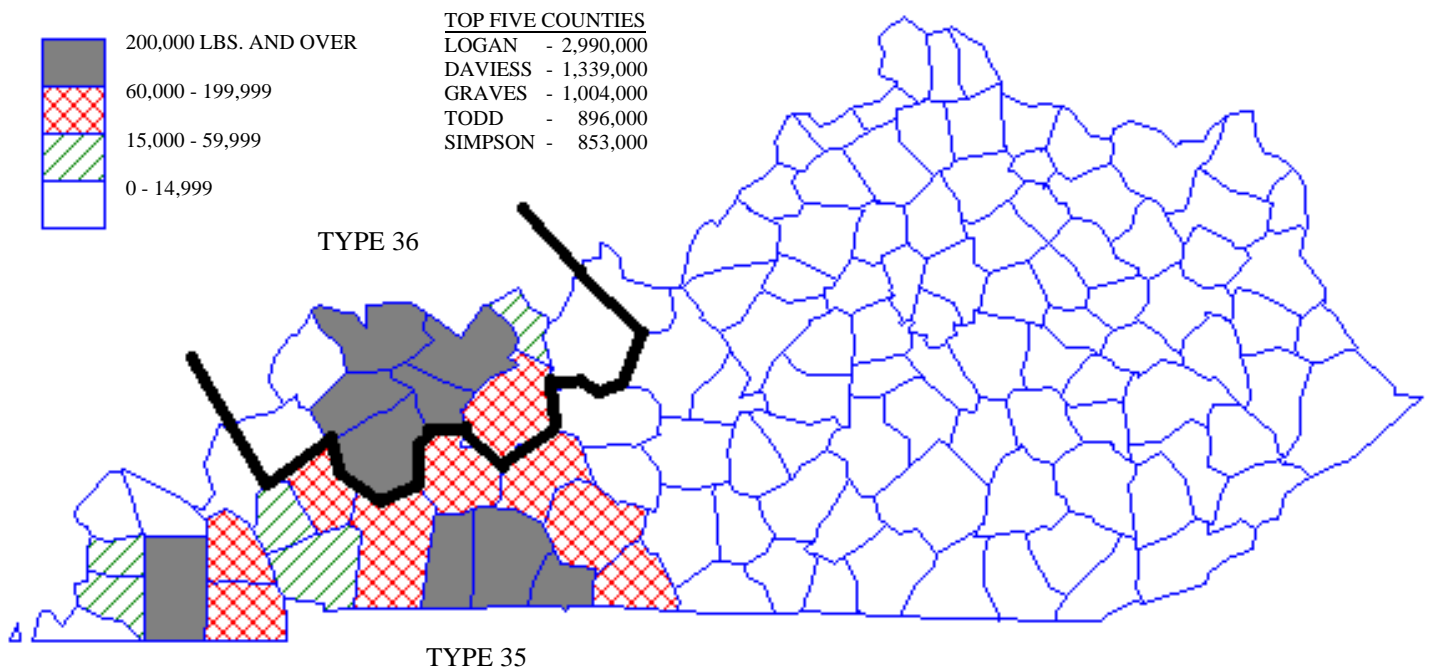
**Kentucky Dark Air-Cured Tobacco  
Production  
(1945-1999)**



# DARK FIRE-CURED TOBACCO PRODUCTION - 1999



# DARK AIR-CURED TOBACCO PRODUCTION - 1999



# CORN FOR ALL PURPOSES COUNTY ESTIMATES - 1999 <sup>1/</sup>

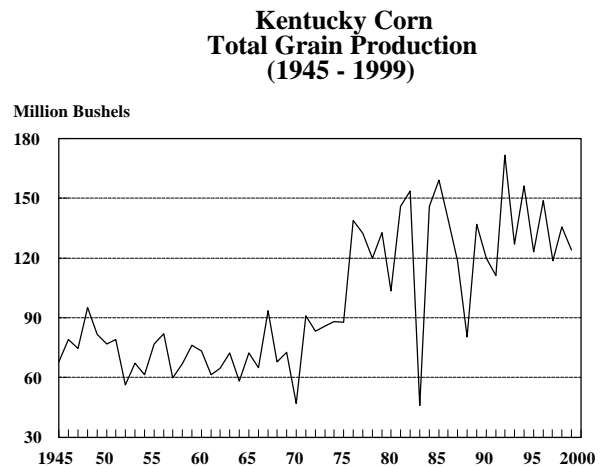
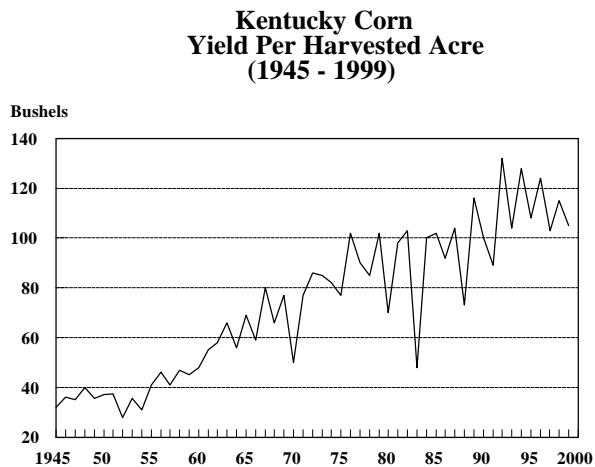
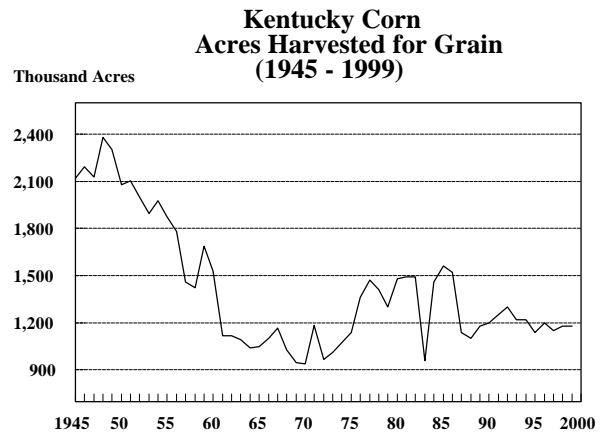
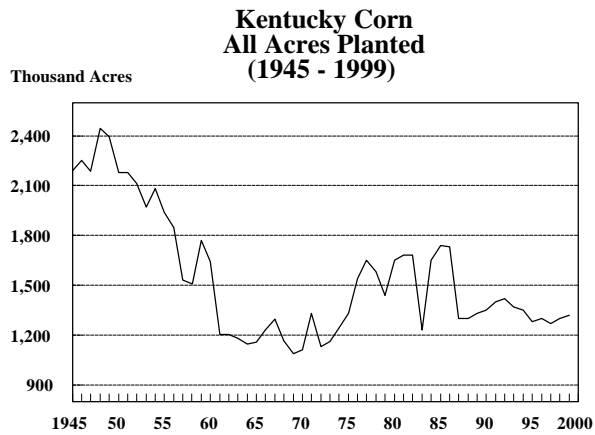
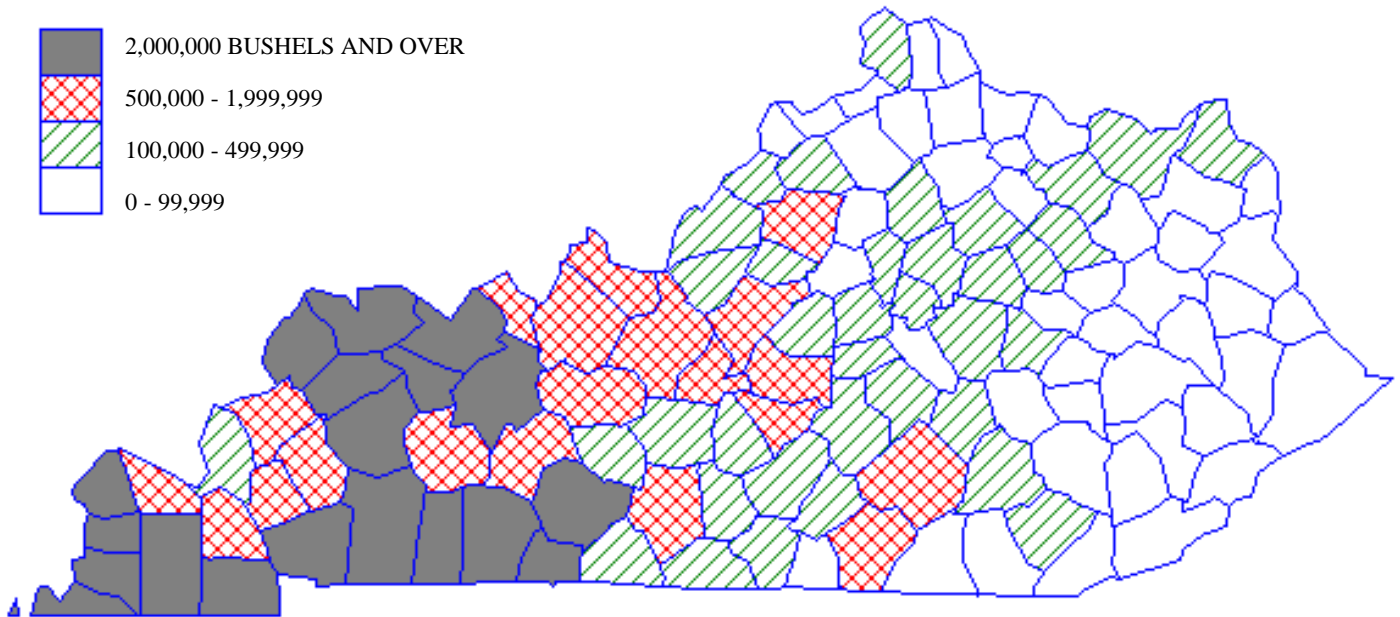
District and County	Acres Planted	Acres Harv. 2/	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. 2/	Yield Harv. Acre	Production
(Bushels)					(Bushels)				
Ballard	22,400	22,000	116	2,552,000	Anderson	900	600	97	58,200
Calloway	37,700	37,000	94	3,478,000	Bath	3,200	1,900	100	190,000
Carlisle	24,500	24,000	107	2,568,000	Bourbon	7,800	4,600	45	207,000
Fulton	25,500	25,300	119	3,010,700	Boyle	4,200	2,100	56	117,600
Graves	50,500	48,900	105	5,134,500	Clark	5,400	4,000	45	180,000
Hickman	37,400	36,900	106	3,911,400	Fayette	4,000	3,000	47	141,000
Livingston	5,500	5,000	94	470,000	Fleming	7,200	2,700	58	156,600
Lyon	6,000	5,900	106	625,400	Franklin	1,400	1,000	85	85,000
McCracken	16,000	15,700	100	1,570,000	Garrard	1,600	600	77	46,200
Marshall	9,500	9,000	103	927,000	Harrison	3,100	2,000	45	90,000
Trigg	24,000	23,700	113	2,678,100	Jessamine	2,200	1,900	75	142,500
<b>DISTRICT 1</b>	259,000	253,400	106.3	26,925,100	Lincoln	9,900	5,900	84	495,600
Caldwell	19,500	18,600	104	1,934,400	Madison	3,800	2,500	56	140,000
Christian	74,000	72,100	114	8,219,400	Mason	8,000	1,600	61	97,600
Crittenden	11,000	10,800	104	1,123,200	Mercer	3,900	2,000	65	130,000
Daviess	90,000	89,000	107	9,523,000	Montgomery	3,000	1,800	85	153,000
Hancock	6,600	6,500	102	663,000	Scott	4,500	3,400	45	153,000
Henderson	71,000	70,000	114	7,980,000	Shelby	16,600	13,000	101	1,313,000
Hopkins	27,000	26,800	100	2,680,000	Spencer	6,000	4,800	96	460,800
Logan	51,000	48,200	118	5,687,600	Washington	4,000	2,100	74	155,400
McLean	50,000	48,800	112	5,465,600	Woodford	4,000	3,000	71	213,000
Muhlenberg	18,000	17,600	86	1,513,600	Other Counties	1,400	500	45.2	22,600
Ohio	25,000	24,800	112	2,777,600	<b>DISTRICT 5</b>	106,100	65,000	73.0	4,748,100
Simpson	29,000	28,100	121	3,400,100	Carter	1,100	800	89	71,200
Todd	51,500	48,000	109	5,232,000	Clay	800	600	60	36,000
Union	85,000	83,700	132	11,048,400	Estill	1,500	1,300	91	118,300
Webster	42,500	42,000	111	4,662,000	Greenup	1,800	1,500	77	115,500
<b>DISTRICT 2</b>	651,100	635,000	113.2	71,909,900	Jackson	1,500	600	50	30,000
Adair	10,000	3,600	72	259,200	Knox	1,600	1,500	101	151,500
Allen	4,500	4,000	84	336,000	Laurel	2,300	1,300	80	104,000
Barren	16,400	9,300	90	837,000	Lewis	2,500	1,500	77	115,500
Breckinridge	16,000	14,800	78	1,154,400	Morgan	1,200	700	65	45,500
Bullitt	2,800	2,300	81	186,300	Powell	600	500	87	43,500
Butler	16,200	15,400	105	1,617,000	Pulaski	11,300	7,900	80	632,000
Casey	7,000	4,600	80	368,000	Rockcastle	1,900	1,100	103	113,300
Clinton	2,000	800	98	78,400	Wayne	6,500	5,500	97	533,500
Cumberland	1,600	1,400	85	119,000	Whitley	1,000	800	110	88,000
Edmonson	3,000	2,400	74	177,600	Wolfe	600	500	88	44,000
Grayson	18,000	13,900	66	917,400	Other Counties	4,200	3,200	66.9	214,000
Green	5,800	4,000	105	420,000	<b>DISTRICT 6</b>	40,400	29,300	83.8	2,455,800
Hardin	26,900	23,400	77	1,801,800	<b>KENTUCKY</b>	1,320,000	1,180,000	105.0	123,900,000
Hart	7,700	5,000	91	455,000					
Jefferson	2,100	2,000	95	190,000					
Larue	14,000	11,000	88	968,000					
Marion	10,500	6,800	97	659,600					
Meade	12,000	11,000	77	847,000					
Metcalfe	4,800	2,600	89	231,400					
Monroe	6,100	2,500	77	192,500					
Nelson	15,000	12,000	106	1,272,000					
Russell	6,200	3,200	87	278,400					
Taylor	8,700	6,500	95	617,500					
Warren	23,000	19,000	129	2,451,000					
<b>DISTRICT 3</b>	240,300	181,500	90.5	16,434,500					
Boone	3,100	2,700	122	329,400					
Campbell	900	600	74	44,400					
Carroll	1,000	600	78	46,800					
Gallatin	800	500	70	35,000					
Grant	900	500	83	41,500					
Henry	6,600	4,300	83	356,900					
Oldham	4,600	3,800	96	364,800					
Owen	1,000	500	62	31,000					
Pendleton	1,400	800	60	48,000					
Trimble	1,100	900	84	75,600					
Other Counties	1,700	600	88.7	53,200					
<b>DISTRICT 4</b>	23,100	15,800	90.3	1,426,600					

## TOP PRODUCING COUNTIES (Bushels)

Union	11,048,400
Daviess	9,523,000
Christian	8,219,400
Henderson	7,980,000
Logan	5,687,600

<sup>1/</sup>Preliminary. <sup>2/</sup>Harvested for Grain.

# CORN FOR GRAIN PRODUCTION - 1999



# SOYBEAN COUNTY ESTIMATES - 1999 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. 2/	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. 2/	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	32,000	31,000	21	651,000	Boone	2,100	2,000	34	68,000
Calloway	41,000	39,200	11	431,200	Carroll	600	500	25	12,500
Carlisle	29,000	28,600	22	629,200	Gallatin	1,700	1,600	32	51,200
Fulton	50,000	49,300	27	1,331,100	Henry	3,100	2,900	17	49,300
Graves	62,000	59,900	15	898,500	Oldham	4,200	3,700	17	62,900
Hickman	45,000	44,400	19	843,600	Pendleton	1,600	1,500	21	31,500
Livingston	10,000	9,700	15	145,500	Trimble	3,700	3,600	21	75,600
Lyon	6,000	5,100	19	96,900	Other Counties	1,000	800	22.8	18,220
McCracken	25,000	24,800	18	446,400	<b>DISTRICT 4</b>	18,000	16,600	22.2	369,220
Marshall	10,500	7,900	13	102,700					
Trigg	15,500	15,400	13	200,200	Bath	1,300	500	25	12,500
<b>DISTRICT 1</b>	326,000	315,300	18.3	5,776,300	Bourbon	7,000	4,400	19	83,600
					Boyle	800	800	23	18,400
Caldwell	22,000	21,300	19	404,700	Clark	1,100	900	22	19,800
Christian	62,000	60,000	11	660,000	Fayette	2,400	1,800	21	37,800
Crittenden	10,000	9,800	20	196,000	Fleming	2,700	2,000	25	50,000
Daviess	82,000	80,800	25	2,020,000	Franklin	1,400	1,300	23	29,900
Hancock	9,500	9,300	16	148,800	Harrison	2,200	1,600	17	27,200
Henderson	61,500	61,000	30	1,830,000	Jessamine	800	600	19	11,400
Hopkins	36,500	35,400	27	955,800	Lincoln	3,000	2,900	27	78,300
Logan	56,000	55,000	11	605,000	Mason	1,000	900	20	18,000
McLean	49,000	48,500	26	1,261,000	Mercer	1,500	1,100	19	20,900
Muhlenberg	15,000	14,500	20	290,000	Montgomery	800	600	25	15,000
Ohio	25,000	24,500	33	808,500	Scott	1,400	1,300	21	27,300
Simpson	33,000	32,200	16	515,200	Shelby	14,000	13,500	19	256,500
Todd	45,000	43,500	11	478,500	Spencer	6,000	5,500	21	115,500
Union	74,000	73,100	35	2,558,500	Washington	2,500	1,800	21	37,800
Webster	48,000	47,300	29	1,371,700	Woodford	1,500	700	18	12,600
<b>DISTRICT 2</b>	628,500	616,200	22.9	14,103,700	Other Counties	900	700	22.6	15,800
					<b>DISTRICT 5</b>	52,300	42,900	20.7	888,300
Adair	1,200	1,000	26	26,000					
Allen	1,200	1,000	15	15,000	Greenup	700	600	27	16,200
Barren	7,000	6,600	15	99,000	Lewis	1,500	1,200	26	31,200
Breckinridge	12,400	10,600	14	148,400	Powell	1,000	1,000	25	25,000
Bullitt	3,500	3,300	22	72,600	Pulaski	4,500	4,400	29	127,600
Butler	13,500	13,000	25	325,000	Wayne	5,100	4,700	25	117,500
Casey	1,700	1,600	33	52,800	Other Counties	2,200	1,700	25.3	43,030
Edmonson	4,000	3,300	15	49,500	<b>DISTRICT 6</b>	15,000	13,600	26.5	360,530
Grayson	7,000	5,500	13	71,500					
Green	1,900	1,800	23	41,400	<b>KENTUCKY</b>	1,200,000	1,150,000	21.0	24,150,000
Hardin	19,400	18,300	13	237,900					
Hart	1,200	1,000	13	13,000					
Jefferson	1,500	1,400	15	21,000					
Larue	16,000	15,000	21	315,000					
Marion	9,000	8,600	25	215,000					
Meade	12,000	9,200	15	138,000					
Metcalfe	1,000	700	25	17,500					
Nelson	13,000	12,600	25	315,000					
Russell	2,700	2,600	27	70,200					
Taylor	5,500	5,400	26	140,400					
Warren	24,000	22,000	11	242,000					
Other Counties	1,500	900	28.6	25,750					
<b>DISTRICT 3</b>	160,200	145,400	18.2	2,651,950					

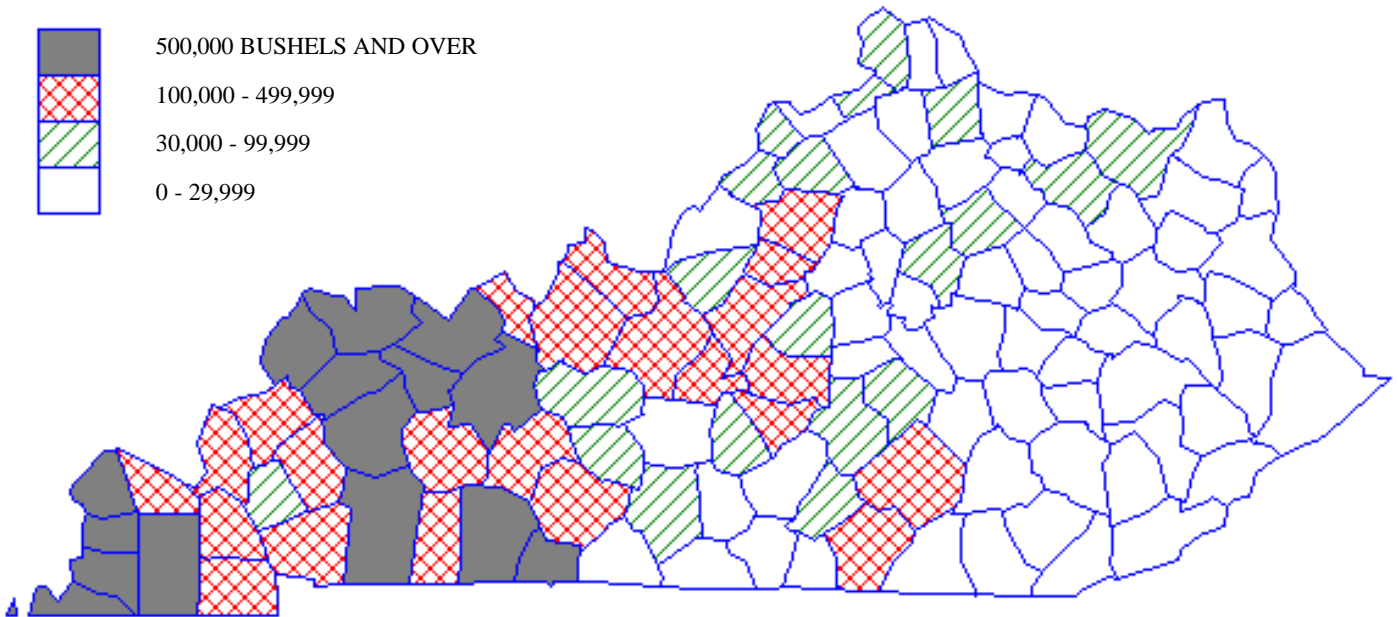
## TOP PRODUCING COUNTIES

(Bushels)

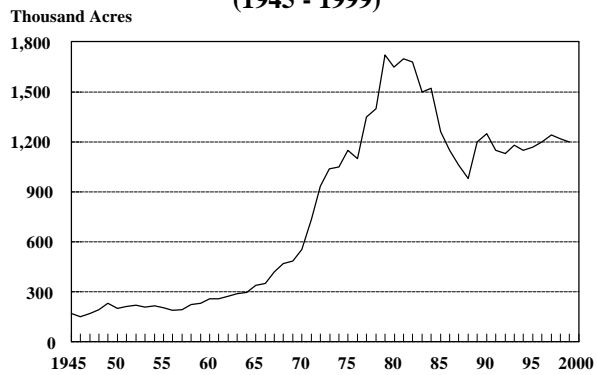
Union	2,558,500
Daviess	2,020,000
Henderson	1,830,000
Webster	1,371,700
Fulton	1,331,100

<sup>1/</sup>Preliminary. <sup>2/</sup>Harvested for Beans.

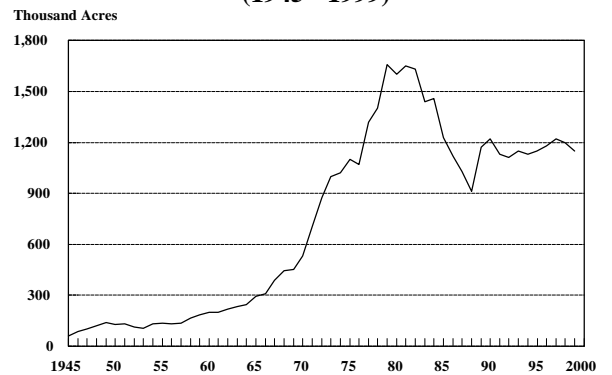
# SOYBEAN PRODUCTION - 1999



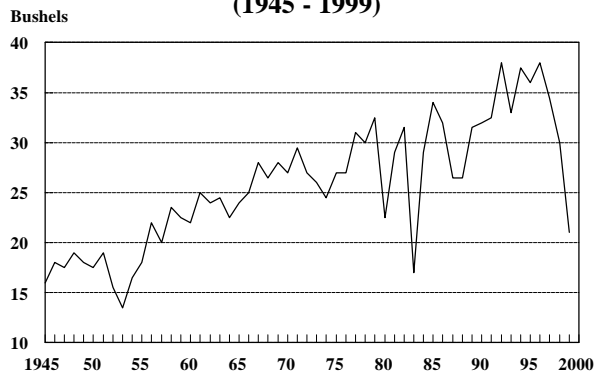
**Kentucky Soybean  
All Acres Planted  
(1945 - 1999)**



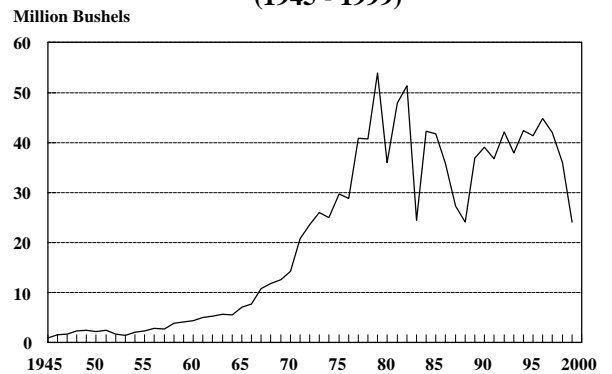
**Kentucky Soybean  
Acres Harvested for Beans  
(1945 - 1999)**



**Kentucky Soybean  
Yield Per Harvested Acre  
(1945 - 1999)**



**Kentucky Soybean  
Total Production  
(1945 - 1999)**

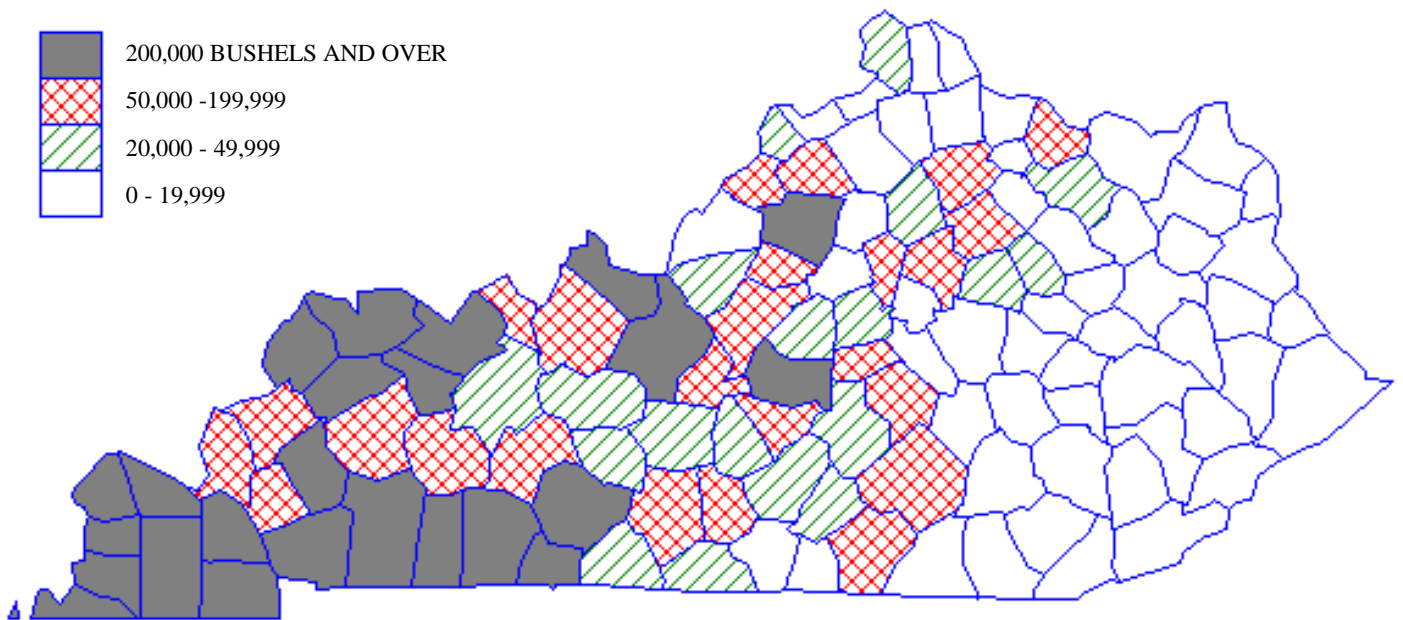


# WINTER WHEAT COUNTY ESTIMATES - 1999 <sup>1/</sup>

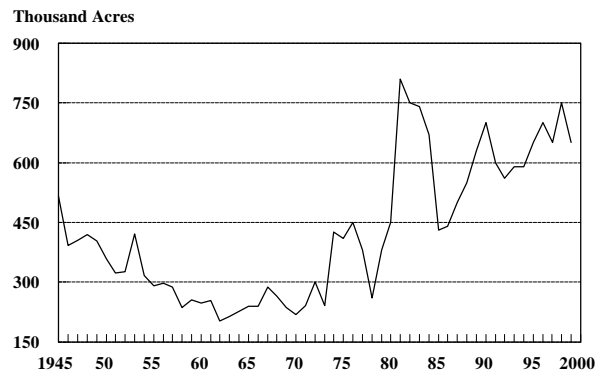
District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	16,000	14,000	46	644,000	Boone	2,200	500	43	21,500
Calloway	29,500	27,000	47	1,269,000	Henry	7,200	1,900	60	114,000
Carlisle	9,000	8,000	42	336,000	Oldham	2,800	2,000	55	110,000
Fulton	16,400	16,000	56	896,000	Trimble	2,700	600	49	29,400
Graves	22,500	20,000	47	940,000	Other Counties	16,600	1,000	44.0	44,000
Hickman	23,000	20,000	50	1,000,000	<b>DISTRICT 4</b>	31,500	6,000	53.2	318,900
Livingston	3,900	3,700	50	185,000					
Lyon	1,500	1,000	50	50,000	Bourbon	9,100	2,500	55	137,500
McCracken	5,800	5,300	46	243,800	Boyle	3,500	1,500	45	67,500
Marshall	5,000	4,500	45	202,500	Clark	4,300	800	55	44,000
Trigg	12,000	10,000	75	750,000	Fayette	5,500	1,500	55	82,500
<b>DISTRICT 1</b>	144,600	129,500	50.3	6,516,300	Fleming	5,300	500	48	24,000
					Harrison	5,700	1,800	50	90,000
Caldwell	6,000	4,900	45	220,500	Lincoln	4,700	1,800	47	84,600
Christian	48,000	43,000	70	3,010,000	Mason	6,200	1,500	40	60,000
Crittenden	1,700	1,000	55	55,000	Mercer	3,800	500	48	24,000
Daviess	15,000	10,000	62	620,000	Montgomery	3,500	500	45	22,500
Hancock	3,100	2,100	60	126,000	Scott	5,100	600	53	31,800
Henderson	7,000	5,500	60	330,000	Shelby	11,300	6,000	57	342,000
Hopkins	2,400	2,000	47	94,000	Spencer	2,900	1,300	53	68,900
Logan	44,500	40,000	77	3,080,000	Washington	3,700	600	50	30,000
McLean	8,100	7,000	58	406,000	Woodford	5,600	1,000	50	50,000
Muhlenberg	2,200	1,200	54	64,800	Other Counties	23,800	1,600	38.7	61,850
Ohio	2,100	800	55	44,000	<b>DISTRICT 5</b>	104,000	24,000	50.9	1,221,150
Simpson	29,500	28,000	72	2,016,000					
Todd	35,000	32,000	68	2,176,000	Pulaski	5,000	1,500	48	72,000
Union	10,500	10,000	66	660,000	Wayne	3,100	1,500	66	99,000
Webster	6,800	5,500	50	275,000	Other Counties	26,300	2,000	38.7	77,350
<b>DISTRICT 2</b>	221,900	193,000	68.3	13,177,300	<b>DISTRICT 6</b>	34,400	5,000	49.7	248,350
Adair	3,400	600	54	32,400	<b>KENTUCKY</b>	650,000	410,000	60.0	24,600,000
Allen	2,700	500	44	22,000					
Barren	10,100	3,500	44	154,000					
Breckinridge	7,100	2,900	45	130,500					
Bullitt	1,400	600	50	30,000					
Butler	1,500	1,000	52	52,000					
Casey	3,800	700	48	33,600					
Edmonson	1,600	500	45	22,500	<b><u>TOP PRODUCING COUNTIES</u></b>				
Grayson	3,700	1,000	48	48,000	(Bushels)				
Green	4,000	600	45	27,000	Logan	3,080,000			
Hardin	9,400	7,000	63	441,000	Christian	3,010,000			
Hart	5,800	600	50	30,000	Todd	2,176,000			
Larue	4,000	2,000	45	90,000	Simpson	2,016,000			
Marion	6,700	3,500	60	210,000	Calloway	1,269,000			
Meade	5,000	3,900	56	218,400					
Metcalfe	4,100	1,000	55	55,000					
Monroe	2,900	500	60	30,000					
Nelson	5,500	3,000	60	180,000					
Russell	2,900	800	41	32,800					
Taylor	4,700	1,700	54	91,800					
Warren	19,500	16,000	72	1,152,000					
Other Counties	3,800	600	58.3	35,000					
<b>DISTRICT 3</b>	113,600	52,500	59.4	3,118,000					

1/Preliminary. 2/Harvested for Grain.

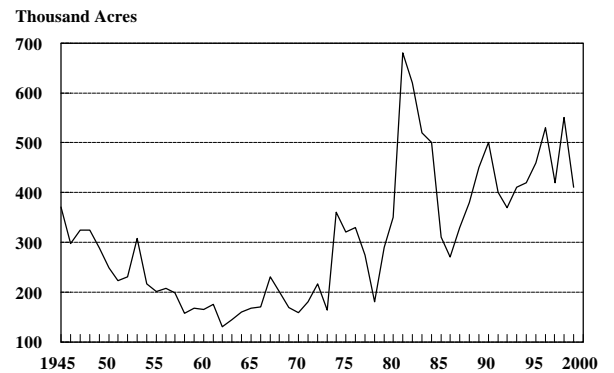
# WINTER WHEAT PRODUCTION - 1999



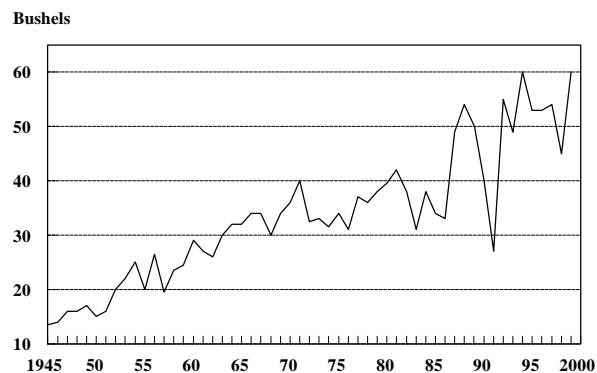
**Kentucky Winter Wheat  
All Acres Planted  
(1945 - 1999)**



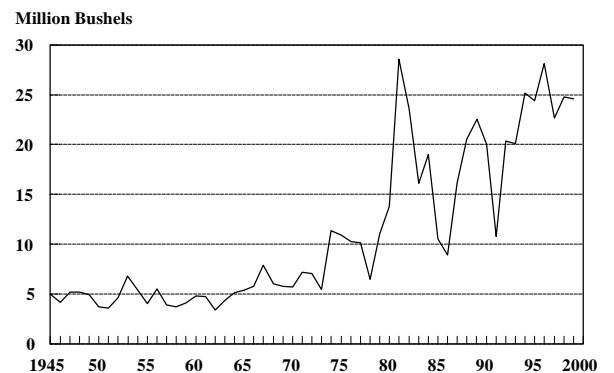
**Kentucky Winter Wheat  
Acres Harvested for Grain  
(1945 - 1999)**



**Kentucky Winter Wheat  
Yield Per Harvested Acre  
(1945 - 1999)**



**Kentucky Winter Wheat  
Total Grain Production  
(1945 - 1999)**



# ALFALFA HAY COUNTY ESTIMATES - 1999 <sup>1/</sup>

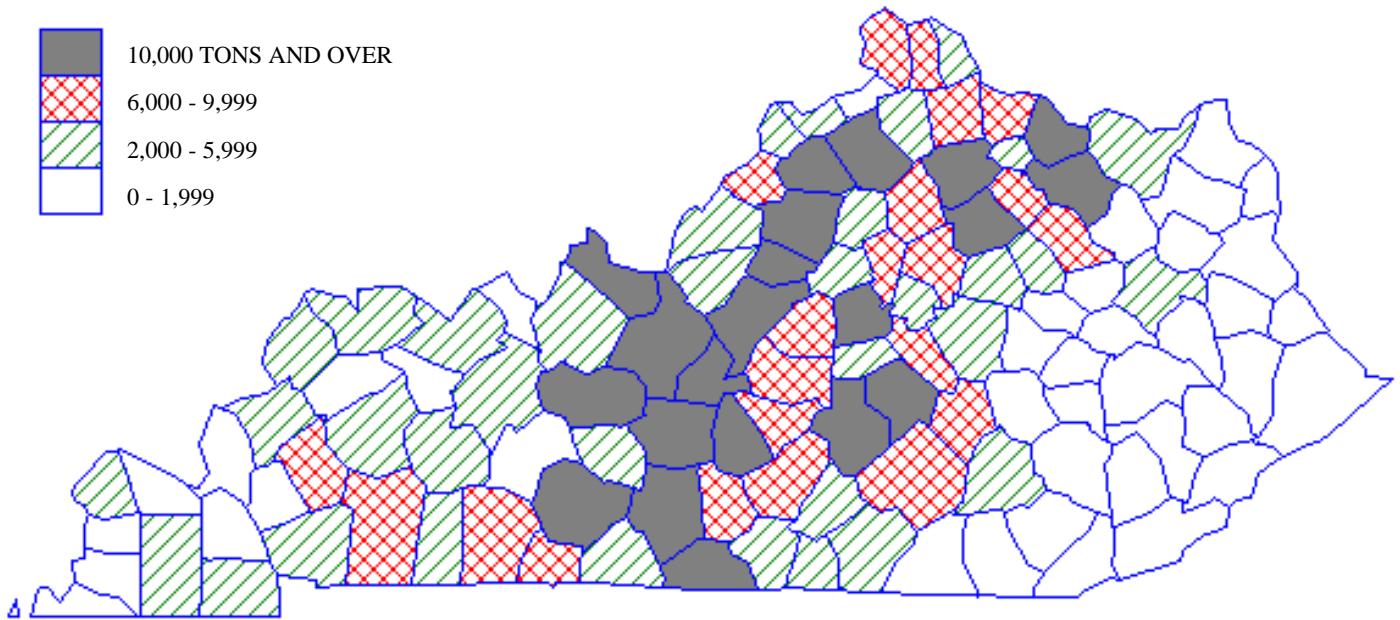
District and County	Acres Harv.	Yield Harv. Acre	Production	District and County	Acres Harv.	Yield Harv. Acre	Production
			(Tons)				(Tons)
Ballard	1,000	3.0	3,000	Anderson	1,600	2.9	4,640
Calloway	700	3.5	2,450	Bath	2,600	2.6	6,760
Graves	900	2.5	2,250	Bourbon	4,900	2.6	12,740
Livingston	500	3.1	1,550	Boyle	1,900	2.9	5,510
Lyon	800	2.3	1,840	Clark	2,200	2.7	5,940
Marshall	500	2.5	1,250	Fayette	2,600	2.8	7,280
Trigg	1,000	2.7	2,700	Fleming	12,500	2.5	31,250
Other Counties	1,000	3.03	3,030	Franklin	1,600	3.0	4,800
<b>DISTRICT 1</b>	6,400	2.82	18,070	Garrard	3,200	2.8	8,960
				Harrison	5,200	2.2	11,440
Caldwell	2,300	3.7	8,510	Jessamine	1,600	2.3	3,680
Christian	2,800	2.8	7,840	Lincoln	7,700	2.7	20,790
Crittenden	1,400	2.7	3,780	Madison	2,700	2.1	5,670
Daviess	1,700	2.9	4,930	Mason	9,000	1.9	17,100
Hancock	600	2.5	1,500	Mercer	5,000	3.2	16,000
Henderson	1,600	3.7	5,920	Montgomery	1,600	1.8	2,880
Hopkins	800	2.8	2,240	Nicholas	2,900	2.4	6,960
Logan	2,400	3.6	8,640	Robertson	1,000	2.3	2,300
Muhlenberg	800	3.7	2,960	Scott	3,200	2.8	8,960
Ohio	700	3.4	2,380	Shelby	9,000	2.8	25,200
Simpson	1,900	3.2	6,080	Spencer	3,300	4.0	13,200
Todd	1,900	3.0	5,700	Washington	3,200	2.7	8,640
Union	1,800	3.2	5,760	Woodford	3,100	2.0	6,200
Other Counties	800	3.40	2,720	<b>DISTRICT 5</b>	91,600	2.59	236,900
<b>DISTRICT 2</b>	21,500	3.21	68,960				
				Carter	800	1.9	1,520
Adair	3,500	2.7	9,450	Estill	900	2.1	1,890
Allen	1,400	2.5	3,500	Greenup	700	2.0	1,400
Barren	8,500	3.4	28,900	Jackson	600	2.1	1,260
Breckinridge	1,800	3.2	5,760	Laurel	1,100	2.0	2,200
Bullitt	1,500	3.0	4,500	Lewis	2,300	2.0	4,600
Butler	600	3.0	1,800	Morgan	800	3.0	2,400
Casey	3,600	3.0	10,800	Pulaski	4,200	2.3	9,660
Clinton	800	3.4	2,720	Rockcastle	2,400	2.5	6,000
Cumberland	600	5.0	3,000	Wayne	1,400	3.6	5,040
Edmonson	1,600	2.9	4,640	Other Counties	2,900	2.73	7,920
Grayson	3,200	3.6	11,520	<b>DISTRICT 6</b>	18,100	2.42	43,890
Green	3,000	4.0	12,000				
Hardin	6,900	3.5	24,150	<b>KENTUCKY</b>	250,000	2.90	725,000
Hart	9,900	3.8	37,620				
Jefferson	1,000	2.5	2,500				
Larue	4,400	2.4	10,560				
Marion	3,900	2.4	9,360				
Meade	4,700	3.0	14,100				
Metcalfe	2,600	3.1	8,060				
Monroe	2,000	5.0	10,000				
Nelson	5,600	2.8	15,680				
Russell	1,300	3.8	4,940				
Taylor	2,300	3.1	7,130				
Warren	5,900	3.1	18,290				
<b>DISTRICT 3</b>	80,600	3.24	260,980				
Boone	3,200	3.0	9,600				
Bracken	3,400	2.6	8,840				
Campbell	1,400	2.3	3,220				
Carroll	900	2.5	2,250				
Gallatin	700	2.5	1,750				
Grant	2,600	2.3	5,980				
Henry	6,200	3.8	23,560				
Kenton	1,500	4.0	6,000				
Oldham	2,700	3.5	9,450				
Owen	3,700	3.3	12,210				
Pendleton	3,200	2.3	7,360				
Trimble	2,300	2.6	5,980				
<b>DISTRICT 4</b>	31,800	3.03	96,200				

## TOP PRODUCING COUNTIES

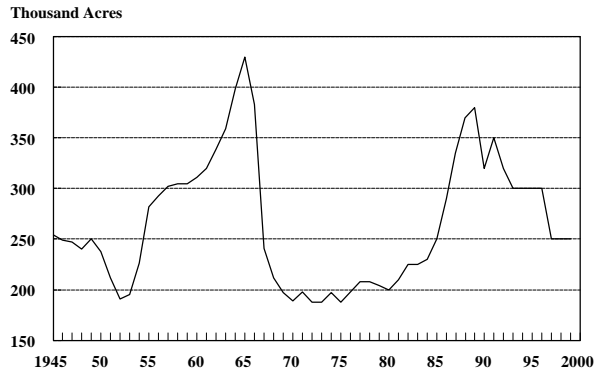
	(Tons)
Hart	37,620
Fleming	31,250
Barren	28,900
Shelby	25,200
Hardin	24,150

<sup>1/</sup>Preliminary.

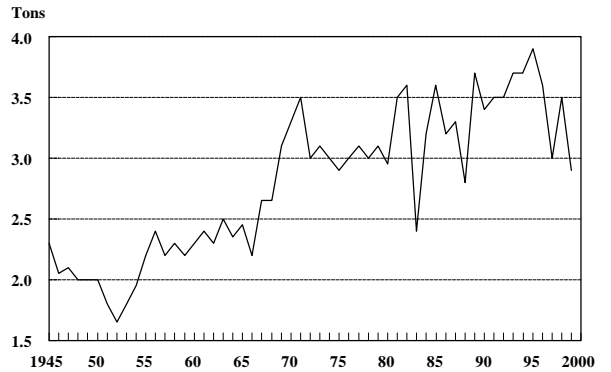
# ALFALFA HAY PRODUCTION - 1999



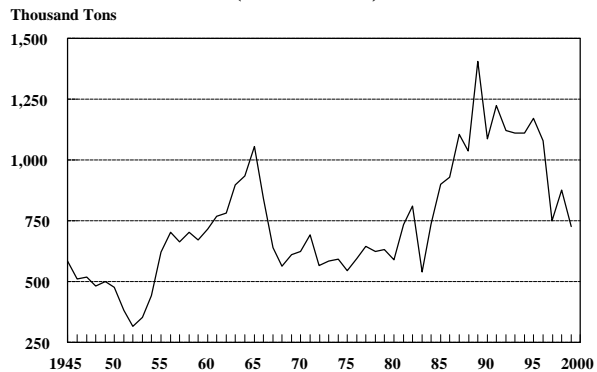
**Kentucky Alfalfa Hay  
Acres Harvested  
(1945 - 1999)**



**Kentucky Alfalfa Hay  
Yield Per Harvested Acre  
(1945 - 1999)**



**Kentucky Alfalfa Hay  
Production  
(1945 - 1999)**

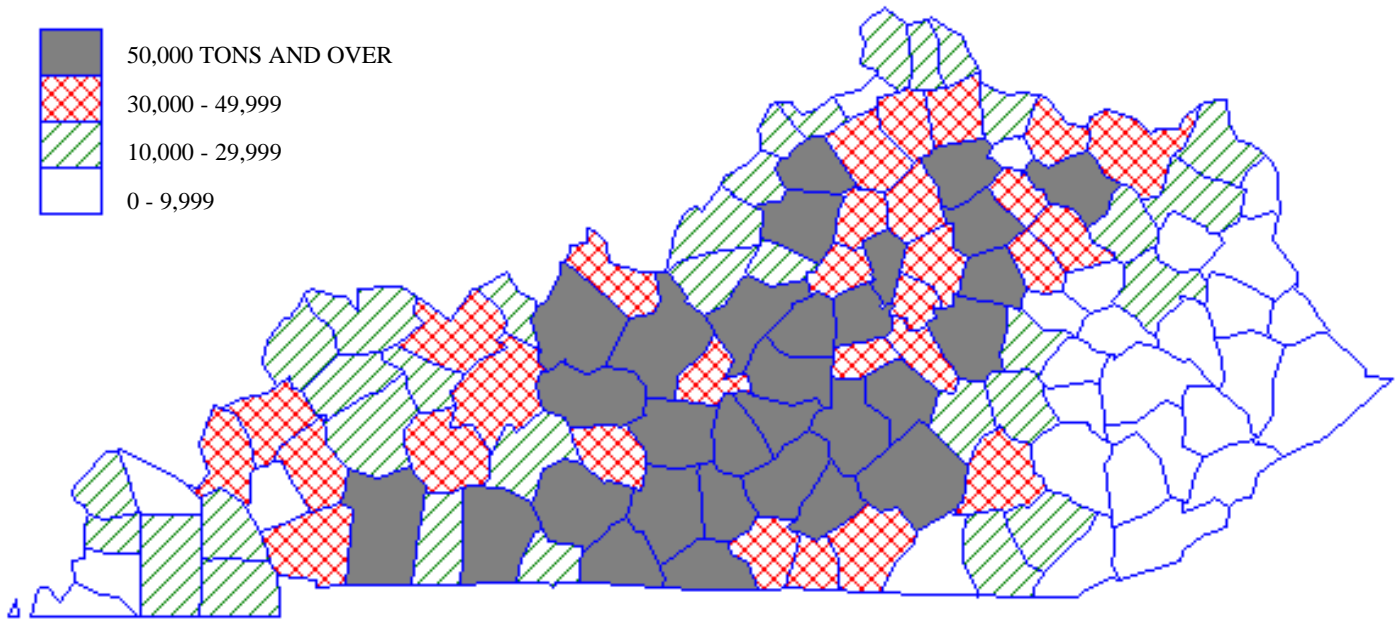


# ALL OTHER HAY COUNTY ESTIMATES - 1999 <sup>1/</sup>

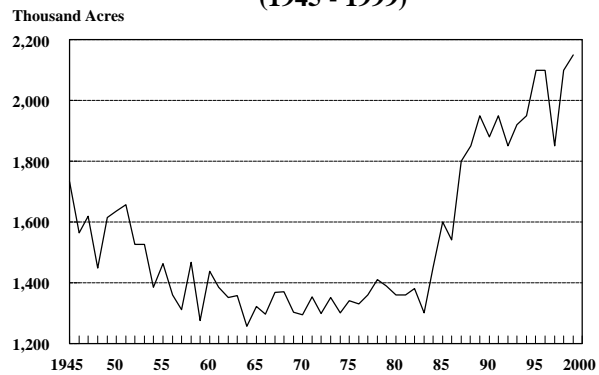
District and County	Acres Harv.	Yield Harv. Acre	Production	District and County	Acres Harv.	Yield Harv. Acre	Production
			(Tons)				(Tons)
Ballard	9,000	2.1	18,900	Anderson	18,200	1.7	30,940
Calloway	10,600	1.8	19,080	Bath	22,100	1.7	37,570
Carlisle	6,200	2.1	13,020	Bourbon	39,100	1.4	54,740
Fulton	1,100	1.8	1,980	Boyle	24,400	1.6	39,040
Graves	14,600	1.5	21,900	Clark	31,200	1.9	59,280
Hickman	2,800	1.7	4,760	Fayette	22,000	1.8	39,600
Livingston	20,300	2.0	40,600	Fleming	34,600	1.5	51,900
Lyon	5,700	1.5	8,550	Franklin	16,600	1.9	31,540
McCracken	5,200	1.7	8,840	Garrard	25,600	1.8	46,080
Marshall	12,500	2.0	25,000	Harrison	41,000	1.5	61,500
Trigg	19,700	1.8	35,460	Jessamine	23,000	1.5	34,500
<b>DISTRICT 1</b>	107,700	1.84	198,090	Lincoln	33,600	1.9	63,840
				Madison	45,600	1.5	68,400
Caldwell	15,900	2.0	31,800	Mason	26,900	1.5	40,350
Christian	34,200	2.1	71,820	Mercer	30,000	1.8	54,000
Crittenden	21,800	2.2	47,960	Montgomery	26,000	1.3	33,800
Daviess	17,700	2.4	42,480	Nicholas	20,300	1.6	32,480
Hancock	7,000	2.1	14,700	Robertson	8,700	1.1	9,570
Henderson	11,000	1.9	20,900	Scott	31,000	1.4	43,400
Hopkins	14,300	1.8	25,740	Shelby	42,500	1.8	76,500
Logan	36,700	2.0	73,400	Spencer	14,400	1.5	21,600
McLean	5,000	2.2	11,000	Washington	43,500	2.0	87,000
Muhlenberg	14,900	2.2	32,780	Woodford	24,800	2.1	52,080
Ohio	20,000	2.0	40,000	<b>DISTRICT 5</b>	645,100	1.66	1,069,710
Simpson	12,200	2.0	24,400				
Todd	14,100	1.9	26,790	Bell	1,000	1.5	1,500
Union	9,500	2.3	21,850	Boyd	2,700	1.4	3,780
Webster	9,800	2.2	21,560	Breathitt	1,200	1.5	1,800
<b>DISTRICT 2</b>	244,100	2.08	507,180	Carter	11,700	1.6	18,720
				Clay	3,400	1.9	6,460
Adair	37,300	1.9	70,870	Elliott	5,100	1.8	9,180
Allen	37,200	1.9	70,680	Estill	9,700	1.8	17,460
Barren	59,200	2.1	124,320	Floyd	600	1.7	1,020
Breckinridge	41,500	2.2	91,300	Greenup	11,700	2.4	28,080
Bullitt	10,100	1.7	17,170	Jackson	10,000	1.9	19,000
Butler	17,300	1.7	29,410	Johnson	1,900	1.8	3,420
Casey	32,200	2.0	64,400	Knox	6,100	2.4	14,640
Clinton	17,000	2.1	35,700	Laurel	19,300	2.3	44,390
Cumberland	16,100	2.2	35,420	Lawrence	3,400	1.3	4,420
Edmonson	17,500	1.8	31,500	Lee	3,100	1.9	5,890
Grayson	38,700	2.1	81,270	Lewis	16,600	2.1	34,860
Green	35,600	1.9	67,640	McCreary	2,300	2.1	4,830
Hardin	35,800	2.0	71,600	Magoffin	1,600	1.9	3,040
Hart	33,800	2.0	67,600	Martin	800	1.5	1,200
Jefferson	7,600	1.8	13,680	Menifee	4,900	1.3	6,370
Larue	20,700	1.9	39,330	Morgan	10,400	1.9	19,760
Marion	35,000	2.0	70,000	Owsley	2,000	1.7	3,400
Meade	20,400	2.0	40,800	Perry	500	1.6	800
Metcalfe	26,100	2.4	62,640	Powell	3,500	1.4	4,900
Monroe	35,200	2.7	95,040	Pulaski	55,900	2.2	122,980
Nelson	40,500	2.0	81,000	Rockcastle	13,900	1.9	26,410
Russell	23,500	2.3	54,050	Rowan	11,000	1.5	16,500
Taylor	29,000	2.3	66,700	Wayne	19,300	2.5	48,250
Warren	51,000	1.8	91,800	Whitley	9,900	2.1	20,790
<b>DISTRICT 3</b>	718,300	2.05	1,473,920	Wolfe	4,700	1.3	6,110
				Other Counties	1,300	1.46	1,900
Boone	14,500	1.6	23,200	<b>DISTRICT 6</b>	249,500	2.01	501,860
Bracken	14,900	1.6	23,840				
Campbell	9,500	1.4	13,300	<b>KENTUCKY</b>	2,150,000	1.90	4,085,000
Carroll	8,100	1.6	12,960				
Gallatin	6,000	1.5	9,000				
Grant	23,700	1.6	37,920	<b>TOP PRODUCING COUNTIES</b>			
Henry	33,100	2.6	86,060	(Tons)			
Kenton	8,600	1.6	13,760	Barren	124,320		
Oldham	10,500	1.8	18,900	Pulaski	122,980		
Owen	28,600	1.6	45,760	Monroe	95,040		
Pendleton	19,600	1.9	37,240	Warren	91,800		
Trimble	8,200	1.5	12,300	Breckinridge	91,300		
<b>DISTRICT 4</b>	185,300	1.80	334,240				

<sup>1/</sup>Preliminary.

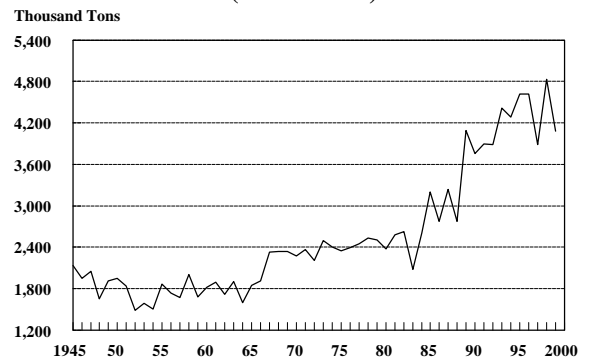
# ALL OTHER HAY PRODUCTION - 1999



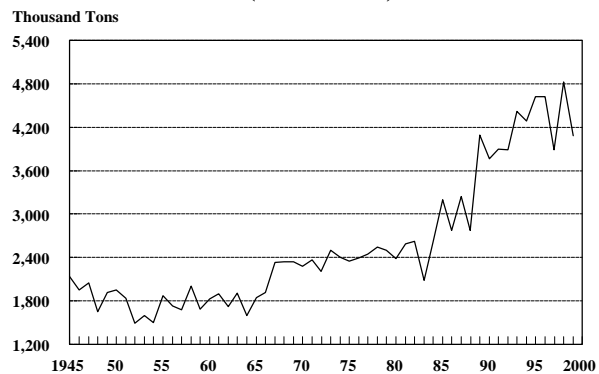
**Kentucky All Other Hay  
Acres Harvested  
(1945 - 1999)**



**Kentucky All Other Hay  
Yield Per Harvested Acre  
(1945 - 1999)**



**Kentucky All Other Hay  
Production  
(1945 - 1999)**



## SORGHUM COUNTY ESTIMATES - 1999 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production  (Bushels)
Marshall	600	600	70	42,000
Other Counties	2,100	1,300	80.0	103,980
<b>DISTRICT 1</b>	2,700	1,900	76.8	145,980
Hopkins	1,800	1,700	92	156,400
McLean	900	900	85	76,500
Union	600	500	103	51,500
Webster	700	600	55	33,000
Other Counties	2,200	1,700	80.6	136,975
<b>DISTRICT 2</b>	6,200	5,400	84.1	454,375
<b>OTHER DISTRICTS</b>	1,100	700	56.6	39,645
<b>KENTUCKY</b>	10,000	8,000	80.0	640,000

<sup>1/</sup>Preliminary. <sup>2/</sup>Harvested for Grain.

## BARLEY COUNTY ESTIMATES - 1999 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production
Logan	2,650	2,450	83	203,350
Simpson	1,450	1,300	84	109,200
Todd	1,550	1,450	93	134,850
Other Counties	650	400	68.0	27,200
<b>DISTRICT 2</b>	6,300	5,600	84.8	474,600
Wayne	550	500	84	42,000
Other Counties	190	150	64.5	9,675
<b>DISTRICT 6</b>	740	650	79.5	51,675
<b>OTHER DISTRICTS</b>	1,960	1,750	65.0	113,725
<b>KENTUCKY</b>	9,000	8,000	80.0	640,000

<sup>1/</sup> Preliminary. <sup>2/</sup>Harvested for Grain.

# KENTUCKY SOYBEAN VARIETIES

Asgrow A4715 was the leading variety of soybeans planted in 1998. Farmers planted 5.0 percent of 1.25 million acres of soybeans to Asgrow A4715. In 1994 the leading soybean variety planted was also Asgrow A4715. Southern States FFR 439 with 4.4 percent was the second most popular variety planted in 1998. Hutcheson ranked third with 3.7 percent. In 1994 Hutcheson was the second ranked variety planted. The other two varieties in the top five for 1998 were Asgrow AG4701 and Southern Cross Joshua with 3.6 and 3.5 respectively. The top five varieties accounted for 20.2 percent where as in 1994 the top five accounted for 49.1 percent of the State's total soybean acreage.

Of the 24 varieties with 1 percent or more of the planted acreage, 19 varieties are new to the variety table while 5 are repeat varieties. For the total survey more different varieties were planted in 1998 than in 1994. The survey was based on 128,000 tabulated acres.

For 1998 producers reporting origin of seed, 73.2 percent of the acreage was planted with seed obtained from Kentucky seed dealers, 4.3 percent from out of state dealers, 20.5 percent was from the producer's own farm and 2.0 percent was obtained from another local farmers. In 1994, 61.6 percent was purchased from Kentucky seed dealers and 3.2 percent was purchased from dealers out of state.

## PERCENTAGE OF SOYBEAN ACREAGE SEEDED FOR SPECIFIED CROP YEARS

VARIETY	1998	1995	1993	1989	1979
Asgrow A4715	5.0	21.5	9.6	-	-
Southern States FFR 439	4.4	-	-	-	-
Hutcheson	3.7	10.7	7.8	-	-
Asgrow AG4701	3.6	-	-	-	-
Southern Cross Joshua	3.5	-	-	-	-
Asgrow A4595	3.5	3.5	4.9	-	-
Southern States SS446	2.8	-	-	-	-
Asgrow AG4601	2.6	-	-	-	-
Northrup King S42-40	2.6	2.3	3.2	-	-
Asgrow AG4501	2.6	-	-	-	-
Asgrow A5403	2.2	9.5	12.1	-	-
Pioneer Brand 9492	2.1	-	-	-	-
Asgrow A4702	2.1	-	-	-	-
Pioneer Brand 9482	2.1	-	-	-	-
Callahan 3484	2.0	-	-	-	-
Dekalb CX 460	1.8	-	-	-	-
Pioneer Brand 9363	1.8	-	-	-	-
Southern States SS447	1.7	-	-	-	-
Asgrow A5601	1.5	-	-	-	-
Southern States FFR 560	1.3	-	-	-	-
Southern Cross Micah	1.2	-	-	-	-
Asgrow A4922	1.2	-	-	-	-
Asgrow A5545	1.1	-	-	-	-
Asgrow A5547	1.1	-	-	-	-
Northrup King SW46-8	1.0	-	-	-	-
Coker 425	-	3.9	4.3	1.2	-
Pioneer Brand 9521	-	3.4	2.1	-	-
Essex	-	3.3	9.2	38.5	44.9
Pharoah	-	3.0	1.8	-	-
Pioneer Brand 9442	-	2.7	2.3	-	-
Jacob	-	2.4	3.5	-	-
TN4-86	-	2.4	3.3	-	-
Pioneer Brand 9392	-	1.7	-	-	-
Southern States FFR 500	-	1.7	-	-	-
Pennyrile	-	1.7	3.1	-	-
Fayette	-	1.5	2.5	3.1	-
Dekalb CX 469C	-	1.2	-	-	-
Southern States SS 391	-	1.2	1.8	-	-
Dekalb CX 458	-	1.1	1.0	-	-
Other 1/	36.4	20.5	24.3	56.5	53.6
Unknown	6.2	.8	3.2	.7	1.5

1/Includes varieties with less than 1 percent of Kentucky's planted soybean acreage.

## SOYBEAN VARIETY RANKINGS, SELECTED KENTUCKY REGIONS, 1998 1/

Region	First	%	Second	%	Third	%	Fourth	%
Far Western	Pioneer Brand 9363	6.3	Asgrow AG4501	5.0	Asgrow A5403	4.9	Hutcheson	4.7
Midwestern	Asgrow A4715	5.9	Southern Cross Joshua	5.4	Hutcheson	4.0	Asgrow A4595	3.8
Central	Southern States FFR 439	13.4	Asgrow A4715	6.3	Southern States SS446	5.8	Southern Cross Joshua	4.4

1/These 3 regions (Agr'l Statistics Districts 1, 2, & 3) made up 92.9 percent of Kentucky's soybean acreage harvested in 1997.

# KENTUCKY WHEAT VARIETIES

Pioneer Brand 2552 was the leading variety seeded in the fall of 1997 for 1998 wheat production. Pioneer Brand 2552 accounted for 14.4 percent of the 750,000 acres seeded in 1997 for 1998 harvest. Madison with 8.9 percent of the seeded acreage ranked second followed by Southern States FFR 555 with 7.1, Clark with 6.7 percent and Pioneer Brand 2568 with 4.6 percent. The top five varieties accounted for 41.7 percent while in 1995 the top five varieties accounted for 54.8 percent.

Clark was the leading variety in the 1995 survey with 15.5 percent and Madison was second with 15.1 percent. Of the nineteen varieties with 1 percent or more of the seeded acreage ten varieties were new to the table while nine were repeat varieties. A total of 26.8 percent was reported by growers as varieties with less than 1 percent of all varieties seeded or unknown variety. Unknown variety included both soft and hard red wheat. A sizable amount of the unknown acreage was used as cover crop for tobacco and not harvested for grain. The survey was based on 67,000 tabulated acres.

## PERCENTAGE OF WHEAT ACREAGE SEEDED

FOR SPECIFIED CROP YEARS

CLASS AND VARIETY	1998	1995	1993	1989	1979
<b>Soft Red Winter</b>					
Pioneer Brand 2552	14.4	-	-	-	-
Madison	8.9	15.1	10.5	-	-
Southern States FFR 555	7.1	8.3	2.4	-	-
Clark	6.7	15.5	25.2	-	-
Pioneer Brand 2568	4.6	-	-	-	-
Patterson	4.5	-	-	-	-
NK Coker 9803	3.7	8.6	2.1	-	-
Pioneer Brand 2545	2.9	3.9	1.5	-	-
Southern States FFR 523	2.4	-	-	-	-
Pioneer Brand 2584	2.4	-	-	-	-
NK Coker 9474	2.3	-	2.3	-	-
Agripro Foster	2.0	-	-	-	-
Agripro Elkhart	1.9	-	-	-	-
Pioneer Brand 2540	1.8	-	-	-	-
Pioneer Brand 2548	1.7	4.7	6.3	-	-
Arthur	1.7	1.7	2.8	3.8	34.4
Verne	1.6	2.1	1.2	-	-
Pioneer Brand 2510	1.5	2.7	3.2	-	-
Pioneer Brand 2SR26	1.1	-	-	-	-
Cardinal	-	7.3	10.7	2.4	-
Wakefield	-	2.9	2.1	-	-
Pioneer Brand 2684	-	2.7	-	-	-
Coker 9543	-	2.2	-	-	-
Caldwell	-	1.3	3.1	25.5	-
Becker	-	1.2	2.2	-	-
Coker 916	-	-	1.5	11.6	-
Saluda	-	-	-	15.9	-
Pioneer Brand 2550	-	-	-	3.4	-
Able	-	-	-	1.1	25.4
Coker 747	-	-	-	1.6	-
Tyler	-	-	-	2.0	-
Arthur 71	-	-	-	1.1	24.3
Compton	-	-	-	4.5	-
All Other Soft 1/	23.8	18.8	21.4	21.4	14.0
All Hard Red Winter 2/	3.0	1.0	3.8	5.7	1.9

1/Includes reported varieties which comprise less than 1 percent of the State's total reported seeded acreage as well as reports where the variety was unknown. 2/Includes all reports of hard wheat, both known and unknown varieties.

## WHEAT VARIETY RANKINGS, SELECTED KENTUCKY REGIONS, 1998 1/

Region	First	%	Second	%	Third	%	Fourth	%
Far Western	Pioneer Brand 2552	13.3	Madison	12.4	Clark	9.9	NK Coker 9803	7.7
Midwestern	Pioneer Brand 2552	18.6	Madison	12.0	Clark	9.8	Pioneer Brand 2568	8.5
Central	Pioneer Brand 2552	17.1	Patterson	11.1	Southern States FFR 555	8.4	Agripro Foster	4.5

1/These 3 regions (Agr'l Statistics Districts 1, 2 & 3) made up 92.5 percent of the wheat acreage harvested for grain in 1997.

# JANUARY 1, 2000 STATE RANKINGS FOR LIVESTOCK

Rank	ALL CATTLE		BEEF COWS <u>1/</u>		MILK COWS <u>1/</u>	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	13,900	Texas	5,430	California	1,490
2.	Nebraska	6,650	Missouri	2,062	Wisconsin	1,360
3.	Kansas	6,550	Nebraska	1,974	New York	700
4.	Oklahoma	5,200	Oklahoma	1,898	Pennsylvania	619
5.	California	5,100	South Dakota	1,728	Minnesota	540
6.	Missouri	4,350	Montana	1,582	Texas	350
7.	South Dakota	3,900	Kansas	1,492	Idaho	332
8.	Iowa	3,700	<b>KENTUCKY</b>	<b>1,070</b>	Michigan	300
9.	Wisconsin	3,400	Iowa	1,025	Ohio	258
10.	Colorado	3,150	Tennessee	1,014	Washington	246
11.	Montana	2,600	Florida	994	New Mexico	236
12.	Minnesota	2,550	North Dakota	940	Iowa	215
13.	<b>KENTUCKY</b>	<b>2,250</b>	Arkansas	928	Vermont	159
14.	Tennessee	2,100	Colorado	837	Missouri	158
15.	Idaho	1,950	Wyoming	824	Florida	156
16.	Arkansas	1,840	Alabama	793	Indiana	138
17.	Florida	1,830	California	790	Arizona	135
18.	North Dakota	1,830	Virginia	661	<b>KENTUCKY</b>	<b>130</b>
19.	New Mexico	1,640	Oregon	650	Illinois	120
20.	Pennsylvania	1,640	Georgia	620	Virginia	119
21.	Virginia	1,600	Mississippi	579	South Dakota	102
22.	Wyoming	1,580	New Mexico	564	Tennessee	96
23.	Illinois	1,510	Louisiana	504	Utah	95
24.	Alabama	1,460	Idaho	488	Oklahoma	92
25.	New York	1,460	Illinois	480	Georgia	90
26.	Oregon	1,450	North Carolina	438	Oregon	90
27.	Georgia	1,310	Minnesota	400	Kansas	88
28.	Ohio	1,230	Utah	355	Maryland	86
29.	Washington	1,210	Washington	304	Colorado	83
30.	Mississippi	1,070	Ohio	282	Nebraska	76
31.	Michigan	1,010	Indiana	257	North Carolina	72
32.	Indiana	970	Nevada	235	Louisiana	61
33.	North Carolina	940	South Carolina	227	North Dakota	50
34.	Louisiana	910	Wisconsin	220	Arkansas	42
35.	Utah	910	West Virginia	202	Maine	41
36.	Arizona	840	Arizona	200	Mississippi	36
37.	Nevada	510	Pennsylvania	141	Connecticut	28
38.	South Carolina	465	Michigan	95	Alabama	27
39.	West Virginia	420	Hawaii	84	Massachusetts	25
40.	Vermont	295	New York	80	Nevada	25
41.	Maryland	245	Maryland	41	South Carolina	23
42.	Hawaii	164	Vermont	11	New Hampshire	19
43.	Maine	97	Maine	10	Montana	18
44.	Connecticut	67	New Jersey	10	West Virginia	18
45.	Massachusetts	57	Connecticut	8	New Jersey	16
46.	New Jersey	48	Massachusetts	6	Delaware	10
47.	New Hampshire	47	New Hampshire	5	Hawaii	9
48.	Delaware	27	Alaska	3.5	Wyoming	6
49.	Alaska	10	Delaware	3	Rhode Island	1.9
50.	Rhode Island	6	Rhode Island	1.5	Alaska	0.9
<b>UNITED STATES <u>2/</u></b>		<b>98,048.0</b>	<b>33,546.0</b>		<b>9,187.8</b>	

1/Includes cows and heifers that have calved. 2/Totals may not add due to rounding.

# JANUARY 1, 2000 STATE RANKINGS FOR LIVESTOCK

Rank	ALL HOGS & PIGS <u>1/</u>		ALL CHICKENS <u>1/ 2/</u>		BROILERS <u>3/</u>	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Iowa	15,400	Ohio	40,438	Georgia	1,239,700
2.	North Carolina	9,500	Iowa	33,328	Arkansas	1,196,200
3.	Minnesota	5,500	California	31,248	Alabama	971,200
4.	Illinois	4,100	Georgia	30,000	Mississippi	735,100
5.	Indiana	3,250	Indiana	29,607	North Carolina	674,600
6.	Missouri	3,150	Pennsylvania	27,885	Texas	507,900
7.	Nebraska	3,000	Arkansas	25,773	Maryland	294,400
8.	Oklahoma	2,260	Texas	24,400	Virginia	268,700
9.	Ohio	1,500	North Carolina	17,135	Delaware	251,700
10.	Kansas	1,460	Minnesota	16,625	Missouri	249,700
11.	South Dakota	1,260	Alabama	16,132	Oklahoma	216,400
12.	Pennsylvania	1,050	Nebraska	13,846	South Carolina	191,300
13.	Michigan	980	Florida	12,842	<b>KENTUCKY</b>	<b>188,800</b>
14.	Colorado	910	Mississippi	11,076	Tennessee	150,800
15.	Texas	870	Missouri	8,443	Pennsylvania	135,300
16.	Arkansas	710	Michigan	7,787	Florida	122,200
17.	Wisconsin	570	Maine	6,234	West Virginia	89,500
18.	Utah	520	Washington	6,233	Ohio	50,500
19.	Georgia	480	South Carolina	5,961	Minnesota	44,200
20.	<b>KENTUCKY</b>	<b>460</b>	<b>KENTUCKY</b>	<b>5,650</b>	Wisconsin	33,800
21.	Virginia	370	Wisconsin	5,437	Nebraska	11,500
22.	Mississippi	280	Oklahoma	5,310	New York	2,000
23.	Tennessee	250	New York	5,000	Hawaii	1,000
24.	South Carolina	245	Maryland	4,768	Michigan	750
25.	California	190	Virginia	4,641		
26.	North Dakota	190	Colorado	4,479		
27.	Alabama	175	Illinois	4,124		
28.	Montana	150	Connecticut	3,991		
29.	Arizona	140	Oregon	3,714		
30.	Wyoming	105	Utah	2,884		
31.	Maryland	55	Louisiana	2,630		
32.	Florida	40	South Dakota	2,440		
33.	New York	40	New Jersey	2,237		
34.	Oregon	30	West Virginia	2,170		
35.	Washington	30	Tennessee	2,155		
36.	Louisiana	29	Delaware	1,780		
37.	Hawaii	28	Kansas	1,750		
38.	Delaware	27	Idaho	1,301		
39.	Idaho	22	Hawaii	721		
40.	Massachusetts	21	Massachusetts	419		
41.	New Jersey	15	Montana	410		
42.	West Virginia	12	Vermont	274		
43.	Nevada	7.5	New Hampshire	248		
44.	Maine	7	Rhode Island	52		
45.	New Mexico	6	Wyoming	17		
46.	New Hampshire	3.5				
47.	Vermont	3				
48.	Connecticut	2.5				
49.	Rhode Island	2.5				
50.	Alaska	1.4				
<b>UNITED STATES <u>4/ 5/</u></b>		<b>59,407.4</b>	<b>436,326</b>		<b>8,146,010</b>	

1/December 1 preceding year. 2/Excludes commercial broilers. 3/Annual production - December 1, 1998 - November 30, 1999. 4/Totals may not add due to rounding. 5/States not listed are included in the U.S. totals.

# LIVESTOCK HIGHLIGHTS

## CATTLE AND CALVES

Cattle numbers in Kentucky fell to their lowest level in nearly 40 years on January 1, 2000. The **All Cattle and Calves** inventory totaled 2.25 million head, down 7 percent from 1999 and the smallest inventory since 1962. The drought of 1999 reduced supplies of water, hay, and pasture causing many producers to sell out or reduce their herds. Milk cow numbers fell to a record low 130,000 head on January 1, 2000, 4 percent below the previous year. Milk cow numbers have declined steadily since 1986. Inventory levels for all classes of cattle declined from 1999 except cattle on full feed for slaughter which was unchanged. The 1999 calf

crop totaled 1.13 million head, down 3 percent from 1998.

The value of the January 1, 2000 inventory, at \$1,305 million, was up 10 percent from the previous year. Average value per head was \$580, compared with \$490 on January 1, 1999. Cash receipts from marketings totaled \$551 million during 1999, 10 percent below 1998. Marketings fell 13 percent from 1998. Cattle prices averaged \$59.30 per hundredweight during 1999 compared with \$59.00 during 1998. Calves averaged \$80.20 per hundredweight compared with \$74.90 during 1998.

## HOGS AND PIGS

Finding adequate market opportunities and rebounding from low prices early in the year proved difficult for Kentucky's hog producers. The December 1, 1999 **Hog and Pig** inventory was another record low at 460,000 head. Hog numbers were 12 percent below 1998 and have been declining steadily since 1995. Hogs for breeding totaled 55,000 on December 1, 1999, down 15 percent from the previous year. December 1999 market hogs, at 405,000 head, were 11 percent below the previous year.

The 1999 pig crop, at 1.01 million, was down

fractionally from 1998. Pigs saved per litter averaged 8.68, compared with 8.43 in 1998. Producers farrowed 116,000 sows during 1999 compared with 120,000 during 1998.

Kentucky's hog and pig inventory was valued at \$23.9 million on December 1, 1999, compared with \$18.2 million a year ago. Cash receipts from marketings came to \$77.7 million, compared with \$89.3 million during 1998. Marketings slipped 6 percent from 1998, and the average price was \$28.50 per hundredweight, down 19 percent from the \$35.20 recorded in 1998.

## POULTRY

The broiler industry continues to expand in Kentucky. **Broiler** production for 1999 totaled 982 million pounds from 188,800 birds. Value of production was \$363 million making broilers the fourth largest source of cash receipts for Kentucky farmers. Compared with 1998, broiler production increased 10 percent and total value rose 9 percent. The December 1, 1999 inventory of **All Chickens**

(excluding broilers) totaled 5.65 million birds, up 7 percent from the previous year. Laying flocks produced 922 million eggs during 1999, a 7 percent increase from the previous year. Value of sales from eggs came to \$60.3 million for 1999, 16 percent above 1998. Eggs averaged 78.5 cents per dozen in 1999 compared with 72.5 cents during 1998.

# LIVESTOCK ON FARMS BY CLASS AND VALUE

## JANUARY 1, 1999 AND 2000

CLASS OF LIVESTOCK OR POULTRY	KENTUCKY		UNITED STATES	
	January 1 1999 <u>1</u> /	January 1 2000 <u>2</u> /	January 1 1999 <u>1</u> /	January 1 2000 <u>2</u> /
	(000 Head)		(000 Head)	
LIVESTOCK INVENTORY				
ALL CATTLE AND CALVES 3/	2,420	2,250	99,115	98,048
Cows and Heifers That Have Calved	1,240	1,200	42,878	42,734
Beef Cows	1,105	1,070	33,745	33,546
Milk Cows	135	130	9,133	9,188
Heifers 500 Pounds & Over	310	270	19,774	19,528
For Beef Cow Replacement	150	145	5,535	5,530
For Milk Cow Replacement	55	45	4,069	3,954
Other Heifers	105	80	10,170	10,045
Steers 500 Pounds & Over	225	180	16,891	16,652
Bulls 500 Pounds & Over	75	70	2,281	2,294
Calves under 500 Pounds	570	530	17,290	16,840
Cattle and Calves on Feed <u>4</u> /	15	15	13,219	13,983
ALL HOGS AND PIGS 3/ 5/	520	460	62,206	59,407
Breeding Stock	65	55	6,682	6,244
Market Hogs & Pigs	455	405	55,523	53,164
ALL SHEEP AND LAMBS	21.0	<u>6</u> /	7,215	7,026
Breeding Ewes One Year Old & Older	13.0	<u>6</u> /	4,322	4,228
Rams One Year Old & Older	1.0	<u>6</u> /	203	206
Replacement Lambs for Breeding	2.5	<u>6</u> /	774	730
Market Sheep & Lambs	4.5	<u>6</u> /	1,916	1,863
ALL CHICKENS 5/ 7/	5,300	5,650	425,045	436,326
Hens & Pullets of Laying Age	3,750	3,700	321,718	329,305
Pullets 13 to 20 Weeks Old	580	857	39,664	38,587
Pullets Less Than 13 Weeks Old	780	823	55,981	58,775
Other Chickens	190	270	7,682	9,659
LIVESTOCK VALUES				
ALL CATTLE AND CALVES				
Value Per Head (Dollars)	490.00	580.00	594.00	683.00
Total Value (000 Dollars)	1,185,800	1,305,000	58,833,650	67,011,240
ALL HOGS AND PIGS 5/				
Value Per Head (Dollars)	35.00	52.00	44.00	72.00
Total Value (000 Dollars)	18,200	23,920	2,765,847	4,261,389
ALL SHEEP AND LAMBS				
Value Per Head (Dollars)	90.00	<u>6</u> /	88.00	95.00
Total Value (000 Dollars)	1,890	<u>6</u> /	637,634	668,130
ALL CHICKENS 5/ 7/				
Value Per Bird (Dollars)	2.20	2.60	2.69	2.65
Total Value (000 Dollars)	11,660	14,690	1,143,835	1,154,840

1/Revised. 2/Preliminary. 3/Totals may not add due to rounding. 4/Animals for slaughter market being fed a full ration of grain and other concentrates. Cattle and calves on feed included in cattle and calf inventory estimates by classes. 5/December 1 preceding year. 6/Kentucky numbers no longer published separately. 7/Excludes broilers.

# KENTUCKY MEAT ANIMALS, 1997 - 1999

CATTLE AND CALVES	1997	1998	1999 <u>1/</u>
		(Thousand Head)	
Number on Hand January 1	2,600	2,480	2,420
Calf Crop			
Calves Born	1,200	1,160	1,130
Inshipments	415	390	170
Marketings <u>2/</u>			
Cattle	1,015	945	795
Calves	585	545	550
Farm Slaughter <u>3/</u>	10	7	7
Deaths			
Cattle	40	38	43
Calves	85	75	75
		(Thousand Pounds)	
Production <u>4/</u>	747,928	743,257	651,375
Marketings <u>5/</u>	1,040,340	981,440	849,480
		(Dollars)	
Price Per 100 Pounds			
Cattle	59.20	59.00	59.30
Calves	72.20	74.90	80.20
Cash Receipts from Sales <u>6/</u> (\$1,000)	644,632	613,584	550,700
Value of Home Consumption (\$1,000)	12,720	9,861	10,593
Gross Income (\$1,000)	657,352	623,445	561,293
HOGS AND PIGS	1997	1998	1999 <u>1/</u>
		(Thousand Head)	
Number on Hand Dec. 1, Preceding	600	570	520
Pig Crop (Dec.-Nov.)	1,039	1,011	1,007
Sows Farrowed	124	120	116
Inshipments	98	100	117
Marketings <u>2/</u>	1,118	1,101	1,114
Farm Slaughter <u>3/</u>	9	10	8
Deaths	40	50	62
		(Thousand Pounds)	
Production <u>4/</u>	255,202	243,426	255,533
Marketings <u>5/</u>	263,026	249,311	263,573
		(Dollars)	
Price Per 100 Pounds	52.60	35.20	28.50
Cash Receipts from Sales <u>6/</u> <u>7/</u> (\$1,000)	142,486	89,304	77,692
Value of Home Consumption (\$1,000)	2,914	2,758	2,042
Gross Income (\$1,000)	145,400	92,062	79,734

1/Preliminary. 2/Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. 3/Excludes custom slaughter for farmers at commercial establishments. 4/Adjustments made for changes in inventory and for inshipments. 5/Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 6/Receipts from marketings and sale of farm slaughtered meats. 7/Includes allowance for higher average price of State outshipments of feeder pigs. 8/Kentucky no longer publishes Sheep Estimates after January 1, 1999.

# KENTUCKY MEAT ANIMALS, 1997 - 1999

SHEEP AND LAMBS	1997	1998	1999 <u>8/</u>
		(Thousand Head)	
Number on Hand January 1	22.0	22.0	Estimates
Lamb Crop	18.0	16.0	Discontinued
Inshipments	0.9	0.8	
Marketings <u>2/</u>			
Sheep	3.1	3.6	
Lambs	13.6	11.8	
Farm Slaughter <u>3/</u>	0.5	0.5	
Deaths			
Sheep	0.7	0.5	
Lambs	1.0	1.4	
		(Thousand Pounds)	
Production <u>4/</u>	1,673	1,557	
Marketings <u>5/</u>	1,690	1,651	
		(Dollars)	
Price Per 100 Pounds			
Sheep	32.00	29.00	
Lambs	85.00	70.00	
Cash Receipts from Sales <u>6/</u> (\$1,000)	1,214	963	
Value of Home Consumption (\$1,000)	130	53	
Gross Income (\$1,000)	1,344	1,016	

See footnotes preceding page.

## KENTUCKY LIVESTOCK AND POULTRY RECORD HIGHS AND LOWS

SPECIES OR COMMODITY	Year Series Began	RECORD HIGH		RECORD LOW	
		Year	Number	Year	Number
		(000 Head)		(000 Head)	
Cattle and Calf Inventory, Jan. 1	1867	1975	3,750	1869	762
Beef Cows	1920	1975	1,429	1930	45
Milk Cows	1867	1954	674	<b>2000</b>	130
Milk Production (Million Lbs.)	1924	1963	2,632	1924	1,624
Sheep and Lamb Inventory, Jan. 1	1867	1867	1,180	1996	20
Wool Production (000 Lbs.)	1909	1942	6,256	1996	100
Hog and Pig Inventory, Dec. 1 <u>1/</u>	1867	1872-73	2,190	<b>1999</b>	460
Chicken Inventory, Dec. 1 <u>2/</u>	1924	1944	14,321	1989	2,100
Egg Production (Million Eggs)	1925	1949	1,279	1989	407
Broilers Produced	1934	<b>1999</b>	188,800	1934	250

1/1867-1962 estimates January 1. 2/Excludes broilers.

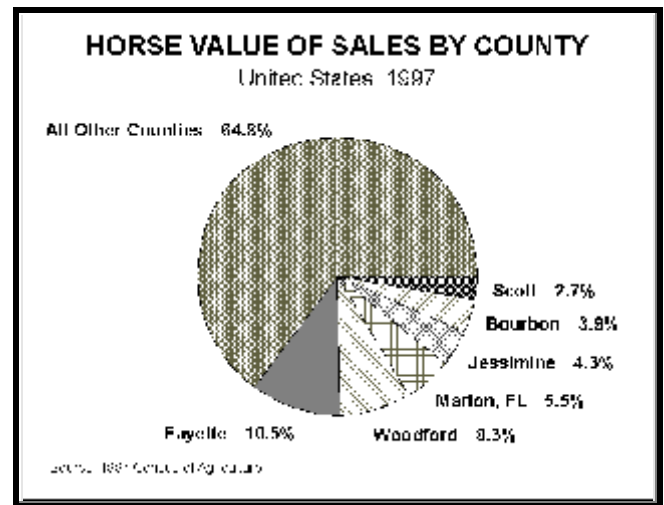
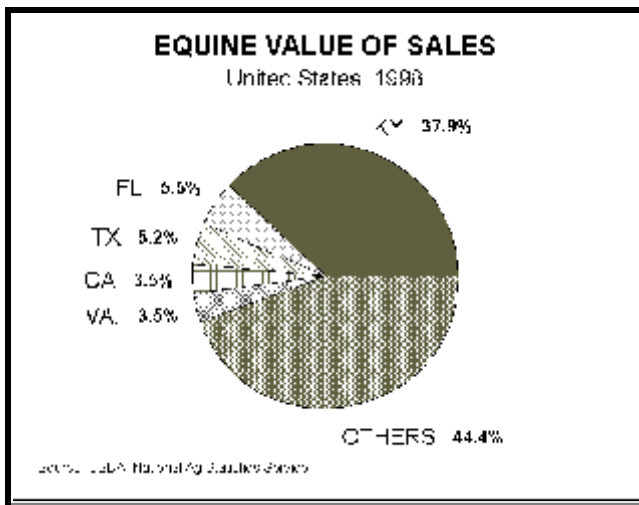
## KENTUCKY'S THOROUGHBRED INDUSTRY DOMINATES NATION

The value of Kentucky equine <sup>1/</sup> sales totaled \$650 million for 1998, up from \$570 million in 1997. The value, dominated by thoroughbreds, accounted for 37 percent of nation's value of sales and ranked first among states according to the USDA's National Agricultural Statistics Service. Florida, with \$111.6 million, ranked second. Texas ranked third with \$90 million, followed by California and Virginia, each with \$60 million. The top 5 states accounted for 55.4 percent of sales in the United States. Preliminary Kentucky 1999 value of sales totaled \$676 million, up \$26 million from 1998.

Kentucky sold 28,000 head of equine during 1998, up slightly from 27,000 in 1997. The January 1, 1999

inventory was 155,000 head, up 3 percent from the previous year.

Horse and pony value of sales is also concentrated within a few counties. According to the 1997 Census of Agriculture, Fayette County accounted for \$107.6 million in sales and was the top ranking county in the nation. Woodford County ranked second in the nation with \$85.2 million followed by Marion County, Florida at \$56.7 million. Jessamine ranked fourth with \$45.3 million followed by Bourbon and Scott with \$39.9 and \$27.9 million, respectively. The Census of Agriculture includes the value of horses and ponies sold from farms only.



<sup>1/</sup> Equine includes horses, ponies, mules, burros and donkeys.

## U. S. EQUINE INVENTORY UP 1.3 PERCENT

**Inventory** of equine in the United States as of January 1, 1999 totaled 5.32 million head, up 1.3 percent from the 5.25 million head on January 1, 1998. Equine includes horses, ponies, mules, burros, and donkeys. Texas ranked first in equine inventory with 600,000 head followed by California, and Tennessee with 240,000 and 190,000 head, respectively. Florida, Oklahoma, and Pennsylvania tied for fourth with an inventory of 170,000 head. Ohio ranked seventh with 160,000 head, followed by Kentucky, Minnesota, New York, and Washington with 155,000 head. An additional fifteen States had equine inventories of 100,000 head or more.

The January 1, 1998 total equine inventory was 5.25 million head. Equine located on farms totaled 3.20

million head. Equine located on non-farm places were 2.05 million head or 39.1 percent of the total.

**Equine sold** totaled 558,000 head in 1998, an increase of 3.3 percent from the 540,000 head sold in 1997. Texas had the most equine sold in 1998 at 60,000 head followed by Kentucky with 28,000 head, Michigan with 21,000 head, and Florida, Oklahoma, and Tennessee each with 18,000 head.

**Value of Sales** from equine sold in 1998 was \$1.75 billion, up 6.9 percent from of \$1.64 billion in 1997. The top ten States were Kentucky, Florida, Texas, California, Virginia, New Jersey, Tennessee, New York, Pennsylvania, and Maryland.

# EQUINE 1997 - 1998

State	Inventory		Number Sold		Value of Sales	
	Jan 1, 1998	Jan 1, 1999	1997	1998	1997	1998
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Dollars	1,000 Dollars
AL	130.0	130.0	13.0	14.0	18,200	19,600
AK <sup>1/</sup>	2.4	2.4	0.1	0.1	176	176
AZ	135.0	135.0	7.0	8.0	14,000	15,000
AR	68.0	70.0	11.0	12.0	12,000	13,000
CA	235.0	240.0	15.0	17.0	55,000	60,000
CO	140.0	145.0	13.0	13.0	21,000	21,000
CT	25.0	26.0	2.0	2.0	10,400	10,400
DE	10.0	10.0	1.0	1.0	4,000	4,000
FL	170.0	170.0	18.0	18.0	108,000	111,600
GA	69.0	70.0	9.0	9.0	20,700	20,700
HI	7.0	7.0	0.4	0.4	800	900
ID	145.0	145.0	11.0	12.0	14,500	15,000
IL	99.0	100.0	12.0	13.0	18,000	19,000
IN	140.0	140.0	14.0	15.0	21,000	22,000
IA	99.0	100.0	11.0	11.0	16,000	16,000
KS	104.0	105.0	10.0	11.0	19,000	21,000
<b>KY</b>	<b>150.0</b>	<b>155.0</b>	<b>27.0</b>	<b>28.0</b>	<b>570,000</b>	<b>650,000</b>
LA	65.0	65.0	12.0	12.0	15,000	15,000
ME	16.0	17.0	1.0	1.0	1,600	1,600
MD	45.0	45.0	4.0	4.0	40,000	40,000
MA	35.0	35.0	2.0	2.0	4,000	4,000
MI	130.0	130.0	20.0	21.0	34,000	36,000
MN	155.0	155.0	14.0	15.0	17,000	18,000
MS	74.0	75.0	7.0	7.0	9,000	9,000
MO	140.0	140.0	16.0	16.0	24,000	24,000
MT	130.0	130.0	12.0	12.0	12,000	12,000
NE	74.0	75.0	8.0	8.0	9,600	9,800
NV	70.0	70.0	7.0	7.0	10,500	10,000
NH	7.0	8.0	0.5	0.5	1,200	1,200
NJ	45.0	45.0	12.0	13.0	55,000	58,500
NM	64.0	65.0	5.0	5.0	9,000	9,000
NY	157.0	155.0	15.0	15.0	45,000	45,000
NC	138.0	140.0	10.0	10.0	30,000	30,000
ND	40.0	40.0	6.0	6.0	5,400	5,400
OH	155.0	160.0	15.0	15.0	27,000	27,000
OK	165.0	170.0	18.0	18.0	30,000	30,000
OR	120.0	120.0	11.0	10.0	15,000	14,000
PA	165.0	170.0	15.0	15.0	44,000	44,000
RI	2.0	2.0	0.1	0.1	620	620
SC	64.0	65.0	4.5	5.5	9,000	9,400
SD	74.0	75.0	10.0	11.0	11,000	12,000
TN	185.0	190.0	19.0	18.0	49,400	48,600
TX	595.0	600.0	58.0	60.0	86,000	90,000
UT	74.0	75.0	9.0	10.0	10,800	12,000
VT	19.0	20.0	2.0	2.0	3,000	3,000
VA	145.0	150.0	12.0	12.0	58,000	60,000
WA	155.0	155.0	13.0	14.0	16,800	18,000
WV	43.0	43.0	8.0	8.0	11,000	11,000
WI	115.0	120.0	14.0	15.0	18,500	20,200
WY	61.0	62.0	5.0	5.0	6,000	6,300
US	5,250.4	5,317.4	539.6	557.6	1,641,196	1,753,996

<sup>1/</sup>On-farm data only from the 1997 Census of Agriculture.

## EGG PRODUCTION AND VALUE 1940 - 1999 <sup>1/</sup>

Year	Average Number of Layers	Eggs Per Layer <sup>2/</sup>	Number Produced	Price Per Dozen	Value of Production
	(Thousand Head)		(Million)	(Cents)	(\$1,000)
1940	6,910	123	849	16.5	11,674
1945	8,433	142	1,199	35.3	34,742
1950	7,712	163	1,254	32.0	33,253
1955	6,276	164	1,029	34.3	29,412
1960	4,832	178	862	32.2	23,130
1965	3,313	199	658	31.8	17,437
1970	2,744	208	572	37.9	18,065
1975	2,254	230	518	49.1	21,195
1980	2,323	231	536	51.6	23,048
1985	1,797	240	431	51.7	18,569
1990	1,648	250	412	67.7	23,244
1991	1,996	254	507	73.5	31,054
1992	2,248	262	588	61.7	30,233
1993	2,398	262	629	68.0	35,643
1994	2,635	258	680	63.7	36,097
1995	2,677	254	679	65.4	37,006
1996	2,702	246	664	79.2	43,824
1997	2,847	249	710	74.4	44,020
1998	3,517	245	863	72.5	52,140
<b>1999 <sup>3/</sup></b>	<b>3,795</b>	<b>243</b>	<b>922</b>	<b>78.5</b>	<b>60,314</b>

<sup>1/</sup>Annual estimates beginning in 1970 cover the period Dec. 1 previous year through Nov. 30. <sup>2/</sup>Total egg production divided by average number of layers. <sup>3/</sup>Preliminary.

## BROILERS PRODUCTION AND VALUE 1940 - 1999 <sup>1/ 2/</sup>

Year	Number Produced	Pounds Produced	Price Per Pound <sup>3/</sup>	Value of Production <sup>4/</sup>
	(Thousands)		(Cents)	(\$1,000)
1940	850	2,125	17.8	378
1945	1,346	3,634	29.4	1,068
1950	1,702	4,936	28.5	1,407
1955	9,540	29,574	24.5	7,246
1960	16,520	54,516	16.3	8,886
1965	10,737	37,580	14.7	5,524
1970	7,334	26,402	14.0	3,696
1975	5,870	26,415	25.2	6,657
1980	3,195	11,183	27.0	3,019
1985	3,176	14,610	28.0	4,091
1990	1,520	6,232	30.0	1,870
1991	22,200	88,800	28.0	24,864
1992	43,300	173,200	28.0	48,496
1993	43,500	174,000	30.0	52,200
1994	56,500	237,300	30.0	71,190
1995	64,500	258,000	32.0	82,560
1996	77,000	331,100	37.0	122,507
1997	110,600	497,700	37.0	184,149
1998	172,000	842,800	39.5	332,906
<b>1999 <sup>5/</sup></b>	<b>188,800</b>	<b>981,800</b>	<b>37.0</b>	<b>363,266</b>

<sup>1/</sup>Annual estimates cover the period Dec. 1 previous year through Nov. 30. <sup>2/</sup>Broiler production including other meat-type breeds. <sup>3/</sup>Live weight equivalent price. <sup>4/</sup>Gross income including home consumption. <sup>5/</sup>Preliminary.

# ALL CATTLE AND CALVES COUNTY ESTIMATES JANUARY 1, 1999 - 2000

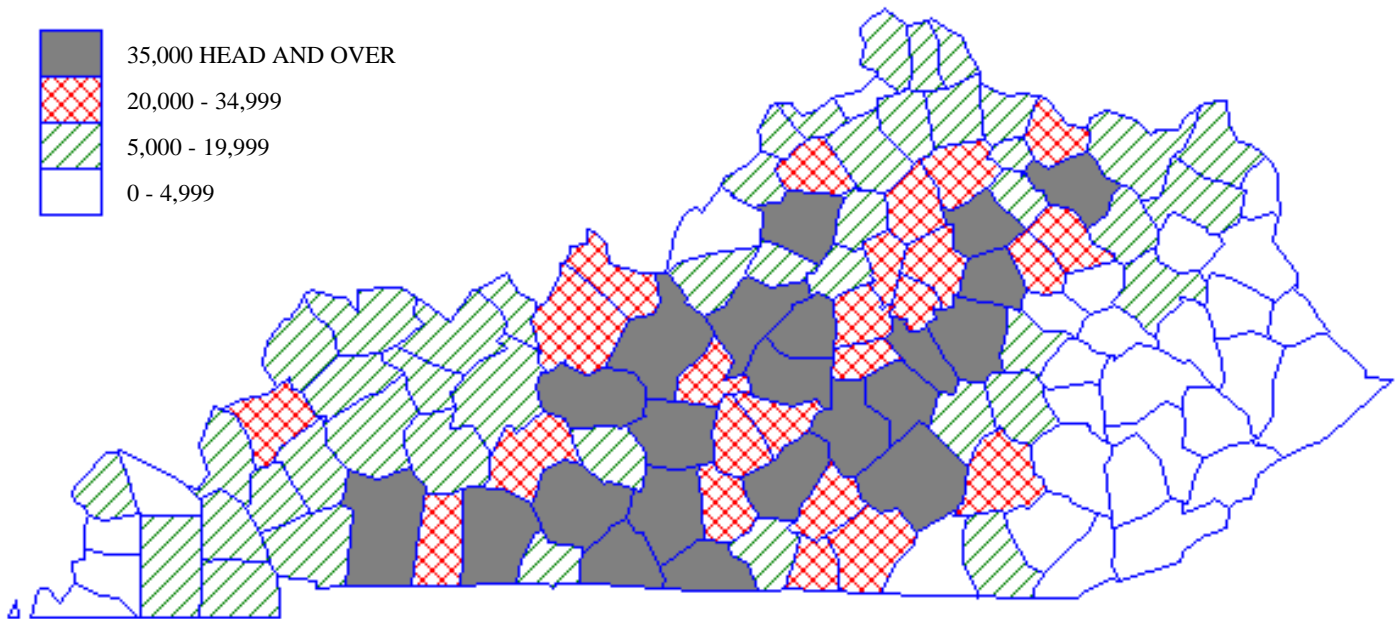
District and County	January 1 1999	January 1 2000 <sup>1/</sup>	District and County	January 1 1999	January 1 2000 <sup>1/</sup>
	(Number)			(Number)	
Ballard	10,000	10,000	Anderson	16,500	15,500
Calloway	12,300	11,200	Bath	25,500	25,000
Carlisle	4,900	4,200	Bourbon	49,000	42,000
Fulton	2,000	1,800	Boyle	33,000	28,000
Graves	16,500	16,000	Clark	48,000	40,500
Hickman	5,100	4,800	Fayette	23,500	24,000
Livingston	17,000	16,500	Fleming	46,500	44,000
Lyon	7,500	7,000	Franklin	14,500	12,000
McCracken	4,500	4,500	Garrard	41,000	35,500
Marshall	11,700	11,500	Harrison	35,500	32,000
Trigg	18,500	18,000	Jessamine	25,500	22,000
<b>DISTRICT 1</b>	110,000	105,500	Lincoln	52,500	50,000
			Madison	60,000	58,500
Caldwell	15,000	15,000	Mason	28,000	23,000
Christian	38,500	36,500	Mercer	35,000	33,000
Crittenden	20,000	20,500	Montgomery	29,000	26,000
Daviess	19,500	18,500	Nicholas	19,500	18,000
Hancock	8,000	7,500	Robertson	5,500	5,000
Henderson	12,500	10,600	Scott	36,500	29,000
Hopkins	12,500	11,500	Shelby	44,000	37,000
Logan	40,500	38,000	Spencer	19,000	17,000
McLean	6,500	6,700	Washington	41,500	39,500
Muhlenberg	14,000	13,500	Woodford	25,000	24,500
Ohio	18,000	19,000	<b>DISTRICT 5</b>	754,000	681,000
Simpson	14,500	14,000			
Todd	24,000	22,000	Bell	600	500
Union	17,500	16,500	Boyd	3,400	3,100
Webster	11,000	10,200	Breathitt	700	700
<b>DISTRICT 2</b>	272,000	260,000	Carter	10,000	9,000
			Clay	3,600	3,700
Adair	45,500	42,500	Elliott	5,000	4,400
Allen	50,500	50,000	Estill	6,500	6,000
Barren	88,000	85,000	Floyd	500	500
Breckinridge	40,000	34,500	Greenup	10,300	10,200
Bullitt	11,000	9,700	Jackson	10,500	10,500
Butler	21,500	20,500	Johnson	1,500	1,500
Casey	40,000	38,000	Knox	5,600	4,700
Clinton	20,000	20,000	Laurel	21,500	21,500
Cumberland	12,200	10,500	Lawrence	3,400	3,300
Edmonson	18,000	18,000	Lee	2,000	1,700
Grayson	40,000	39,000	Lewis	13,000	11,500
Green	34,000	31,500	McCreary	2,100	2,100
Hardin	44,500	42,000	Magoffin	1,800	2,000
Hart	47,000	44,000	Menifee	3,800	3,800
Jefferson	4,800	4,300	Morgan	8,400	6,500
Larue	28,500	26,000	Owsley	1,500	1,500
Marion	45,500	46,000	Perry	800	800
Meade	24,500	25,000	Pike	600	600
Metcalfe	30,500	29,500	Powell	2,400	2,300
Monroe	50,000	47,000	Pulaski	62,000	60,000
Nelson	42,500	41,000	Rockcastle	16,500	16,500
Russell	30,000	30,000	Rowan	5,100	5,000
Taylor	31,500	30,000	Wayne	29,500	26,500
Warren	81,000	64,000	Whitley	7,000	7,000
<b>DISTRICT 3</b>	881,000	828,000	Wolfe	3,000	3,100
			Other Counties <sup>2/</sup>	1,400	1,500
Boone	12,500	11,700	<b>DISTRICT 6</b>	244,000	232,000
Bracken	13,400	11,500			
Campbell	8,700	7,800	<b>KENTUCKY</b>	2,420,000	2,250,000
Carroll	8,100	7,400			
Gallatin	5,100	4,400			
Grant	16,500	14,500			
Henry	30,000	28,500			
Kenton	6,800	6,800			
Oldham	10,500	9,600			
Owen	21,500	18,500			
Pendleton	17,500	15,500			
Trimble	8,400	7,300			
<b>DISTRICT 4</b>	159,000	143,500			

## TOP PRODUCING COUNTIES (Head)

Barren	85,000
Warren	64,000
Pulaski	60,000
Madison	58,500
Allen	50,000
Lincoln	50,000

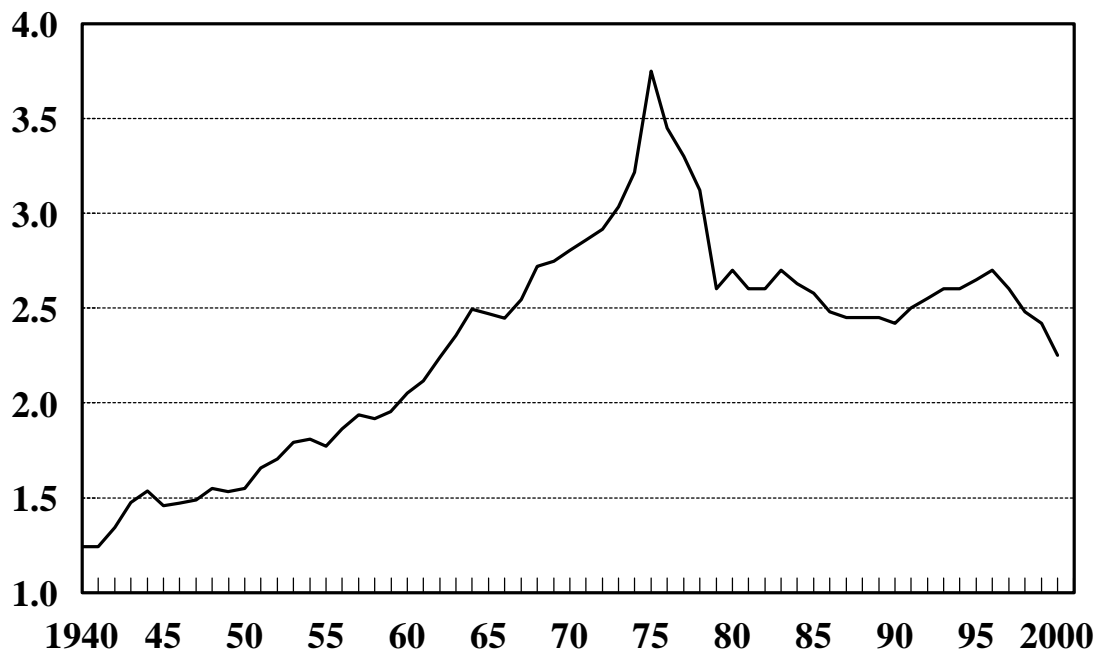
<sup>1/</sup>Preliminary. <sup>2/</sup>Less than 500 head included in "Other Counties".

## ALL CATTLE & CALVES - 2000



## Kentucky Cattle & Calves - January 1 (1940 - 2000)

Million Head



# BEEF COWS COUNTY ESTIMATES

## JANUARY 1, 1999 - 2000

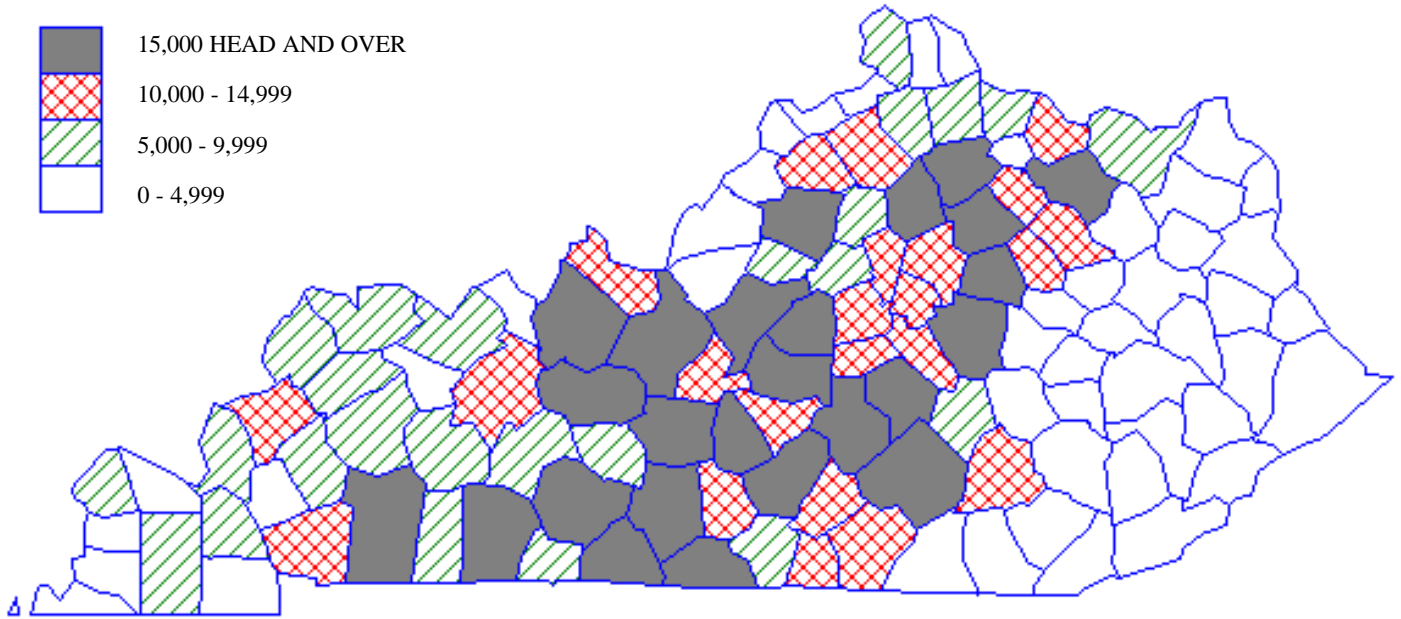
District and County	January 1 1999	January 1 2000 <sup>1/</sup>	District and County	January 1 1999	January 1 2000 <sup>1/</sup>
	(Number)			(Number)	
Ballard	5,200	5,100	Anderson	7,800	7,500
Calloway	5,200	4,800	Bath	13,000	13,000
Carlisle	2,300	2,200	Bourbon	22,000	21,500
Fulton	1,100	1,000	Boyle	13,000	12,000
Graves	6,700	6,700	Clark	20,500	18,500
Hickman	2,200	2,100	Fayette	10,500	10,500
Livingston	9,400	9,400	Fleming	17,000	16,500
Lyon	3,900	3,600	Franklin	6,900	6,500
McCracken	1,600	1,700	Garrard	15,500	14,500
Marshall	6,000	5,900	Harrison	19,000	17,000
Trigg	9,900	10,000	Jessamine	11,500	10,600
<b>DISTRICT 1</b>	53,500	52,500	Lincoln	21,500	21,000
Caldwell	8,000	8,100	Madison	23,500	24,500
Christian	17,500	17,000	Mason	11,700	10,600
Crittenden	10,800	10,500	Mercer	12,800	13,000
Daviess	9,400	9,100	Montgomery	15,500	14,500
Hancock	4,300	3,900	Nicholas	10,800	10,000
Henderson	6,400	5,800	Robertson	3,000	2,700
Hopkins	6,300	6,300	Scott	17,000	15,500
Logan	19,500	18,500	Shelby	16,500	15,500
McLean	3,300	3,400	Spencer	7,500	7,300
Muhlenberg	7,600	7,600	Washington	18,500	18,000
Ohio	9,800	10,000	Woodford	11,000	11,300
Simpson	7,200	6,900	<b>DISTRICT 5</b>	326,000	312,000
Todd	9,000	8,300	Boyd	1,700	1,700
Union	9,300	8,500	Carter	5,000	4,900
Webster	5,600	5,100	Clay	1,600	1,700
<b>DISTRICT 2</b>	134,000	129,000	Elliott	2,700	2,600
Adair	19,500	19,000	Estill	3,500	3,300
Allen	21,000	21,000	Greenup	4,700	4,900
Barren	36,000	35,000	Jackson	4,800	4,800
Breckinridge	21,500	19,500	Johnson	800	800
Bullitt	4,700	4,700	Knox	3,000	2,800
Butler	9,300	9,000	Laurel	10,800	11,000
Casey	19,000	19,000	Lawrence	1,800	1,800
Clinton	10,300	10,500	Lee	1,100	900
Cumberland	6,400	6,100	Lewis	5,900	5,500
Edmonson	8,700	8,900	McCreary	1,100	1,200
Grayson	19,500	20,000	Magoffin	800	1,000
Green	17,000	16,000	Menifee	1,800	1,800
Hardin	21,000	20,500	Morgan	4,600	3,900
Hart	21,500	21,000	Owsley	800	800
Jefferson	2,500	2,400	Powell	1,100	1,000
Larue	12,800	12,100	Pulaski	30,000	30,000
Marion	18,500	19,500	Rockcastle	8,300	8,200
Meade	12,300	12,500	Rowan	2,800	2,800
Metcalfe	11,500	11,800	Wayne	13,700	13,000
Monroe	22,000	22,000	Whitley	3,800	3,800
Nelson	17,000	16,500	Wolfe	1,700	1,800
Russell	12,500	12,500	Other Counties <sup>2/</sup>	2,100	2,000
Taylor	14,000	13,500	<b>DISTRICT 6</b>	120,000	118,000
Warren	32,500	30,000	<b>KENTUCKY</b>	1,105,000	1,070,00
<b>DISTRICT 3</b>	391,000	383,000			
Boone	6,300	5,600			
Bracken	6,100	5,500			
Campbell	4,200	3,900			
Carroll	4,600	4,200			
Gallatin	2,500	2,300			
Grant	8,800	8,400			
Henry	14,000	14,000			
Kenton	3,400	3,500			
Oldham	5,000	4,800			
Owen	11,400	10,300			
Pendleton	9,400	8,700			
Trimble	4,800	4,300			
<b>DISTRICT 4</b>	80,500	75,500			

### TOP PRODUCING COUNTIES

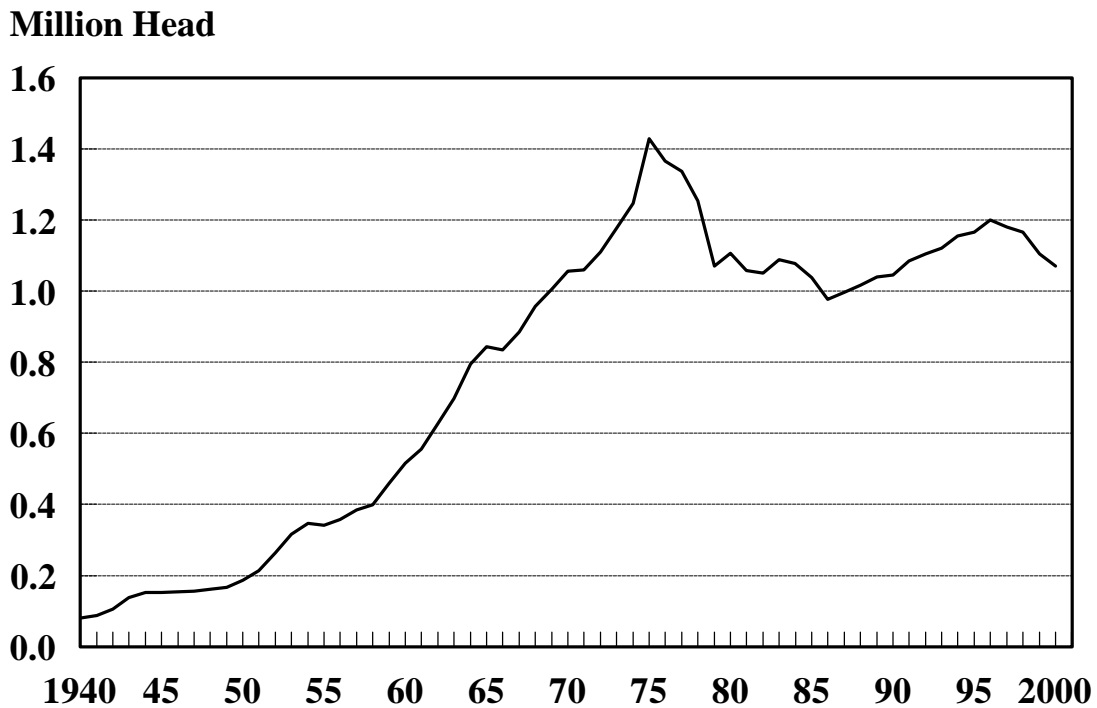
	(Head)
Barren	35,00
Pulaski	30,00
Warren	30,00
Madison	24,50
Monroe	22,00

<sup>1/</sup>Preliminary. <sup>2/</sup>Less than 500 head included in "Other Counties".

## BEEF COWS - 2000



# Kentucky Beef Cows - January 1 (1940 - 2000)



# HOGS AND PIGS COUNTY ESTIMATES

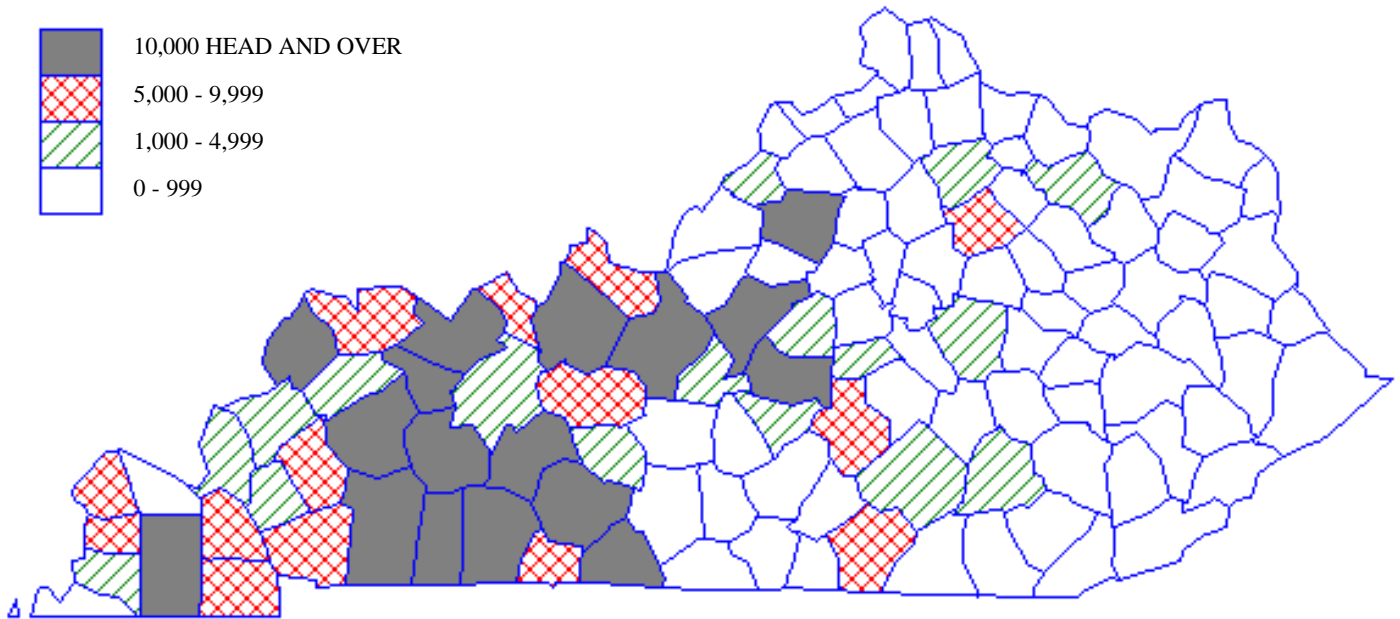
## DECEMBER 1, 1998 - 1999

District and County	December 1 1998	December 1 1999 <u>1/</u>	District and County	December 1 1998	December 1 1999 <u>1/</u>
	(Number)			(Number)	
Ballard	8,500	5,800	Boone	500	*
Calloway	7,400	5,500	Campbell	700	*
Carlisle	7,900	5,900	Carroll	600	*
Graves	30,000	25,600	Henry	500	900
Hickman	3,000	2,000	Oldham	2,000	<u>2/</u>
Livingston	2,000	1,500	Other Counties	1,000	4,000
Lyon	3,200	2,300	<b>DISTRICT 4</b>	5,300	4,900
Marshall	3,000	<u>2/</u>	Anderson	600	500
Trigg	10,700	8,500	Bourbon	9,300	7,000
Other Counties	800	5,400	Boyle	1,900	1,600
<b>DISTRICT 1</b>	76,500	62,500	Fleming	1,700	1,400
Caldwell	9,400	9,100	Garrard	1,100	800
Christian	14,100	12,300	Harrison	2,000	1,300
Crittenden	1,000	<u>2/</u>	Lincoln	500	*
Daviess	24,000	25,500	Madison	1,200	1,100
Hancock	10,800	9,600	Shelby	10,100	10,400
Henderson	6,700	6,000	Washington	2,600	3,000
Hopkins	37,000	21,000	Other Counties	3,000	2,000
Logan	13,600	13,000	<b>DISTRICT 5</b>	34,000	29,100
McLean	14,000	12,000	Carter	500	*
Muhlenberg	22,000	<u>2/</u>	Clay	600	600
Ohio	2,500	2,600	Estill	500	500
Simpson	6,100	5,700	Laurel	800	1,000
Todd	18,700	16,000	Pulaski	1,800	1,300
Union	23,200	17,000	Wayne	9,000	6,200
Webster	1,900	1,500	Other Counties	2,500	1,600
Other Counties	-	36,000	<b>DISTRICT 6</b>	15,700	11,200
<b>DISTRICT 2</b>	205,000	187,300	<b>KENTUCKY</b>	520,000	460,000
Adair	900	700			
Allen	35,300	41,500			
Barren	1,300	600			
Breckinridge	14,600	12,500			
Butler	21,200	13,500			
Casey	11,000	8,000			
Clinton	800	700			
Edmonson	4,600	4,400			
Grayson	9,900	6,500			
Green	700	600			
Hardin	11,000	10,000			
Larue	3,000	2,500			
Marion	14,300	13,000			
Meade	5,700	5,000			
Nelson	26,700	22,500			
Russell	600	*			
Taylor	2,800	2,500			
Warren	17,600	19,000			
Other Counties	1,500	1,500			
<b>DISTRICT 3</b>	183,500	165,000			

1/Preliminary. 2/Data not published to avoid disclosing individual operations. Included in "Other Counties".

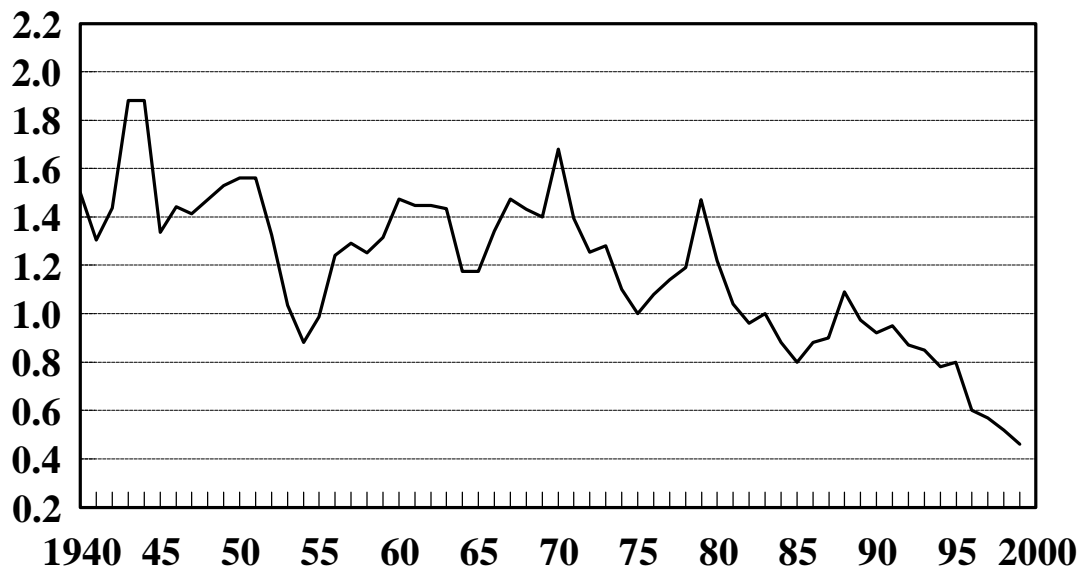
\*Less than 500 head included in "Other Counties".

## HOGS AND PIGS - 1999



## Kentucky Hogs and Pigs - December 1 (1940 - 1999)

Million Head



Years before 1962 are January 1 Estimates

# **DAIRY HIGHLIGHTS**

## **MILK COWS AND MILK PRODUCTION**

The number of milk cows on Kentucky farms continued its steady decline during 1999 and totaled 133,000 head, down 7,000 head from the 1998 average. This continues the steady decline in milk cow numbers that began in 1986.

Total milk production in Kentucky was 1.65 billion pounds, down 4 percent from 1998. Average production per cow, at 12,368 pounds, was up from the 1998 average of 12,214. The number of farms with milk cows totaled 3,200, down from 3,400 in 1998.

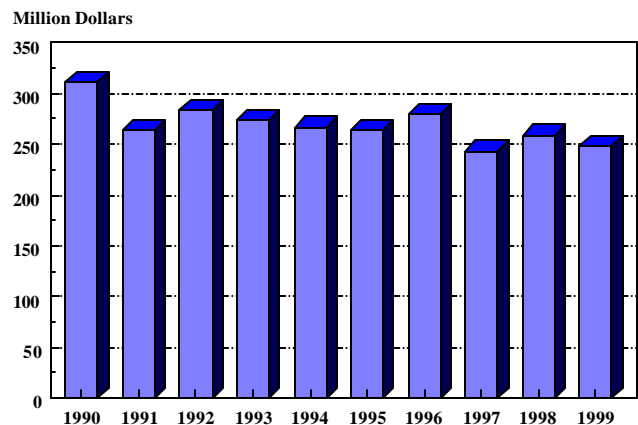
## **MILK DISPOSITION AND INCOME**

Kentucky dairy producers sold 1.61 billion pounds of milk to plants and dealers during 1999 and used 32 million pounds on the farm. Farm use includes milk fed to calves and other livestock, and used for milk, cream and butter. Farm use of milk during 1999 was down 18 percent from 1998, and milk sold to plants and dealers declined 3 percent from 1998.

Fluid grade milk sold to plants and dealers totaled 1.61 billion pounds, 99 percent of the total milk sold. Manufacturing grade milk sold to plants and dealers totaled 16 million pounds.

The value of milk produced during 1999 came to \$253 million, down 4 percent from 1998. This includes the value of milk used on farms. The average price of all grades sold was \$15.40 per hundredweight, down from \$15.50 per hundredweight during 1998. Cash receipts from marketings totaled \$248 million, down 4 percent from the \$259 million reported in 1998.

### **KENTUCKY CASH RECEIPTS FROM MILK MARKETING**



## **MANUFACTURED DAIRY PRODUCTS**

Kentucky plants produced 16.1 million pounds of cottage cheese curd in 1999, down 17 percent from 1998. Creamed cottage cheese production totaled 19.1 million pounds, up 7 percent from the previous year. Lowfat cottage

cheese production was 9.0 million pounds during 1999, down 1 percent from 1998. During 1999, 19 Kentucky plants produced one or more dairy products. Totals for most dairy products produced in Kentucky are not published to avoid disclosing individual plant production.

## MILK USED AND MARKETING BY KENTUCKY FARMERS, 1987 - 1999

YEAR	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETED BY FARMERS	MILK USED ON FARMS & <u>MARKETED</u> Total
	Fed to Calves <u>1/</u>	Used for Milk, Cream & Butter	Total	Sold to Plants & Dealers As Whole Milk	
(Million Pounds)					
1987	49	44	93	2,245	2,338
1988	52	45	97	2,230	2,327
1989	50	33	83	2,182	2,265
1990	48	32	80	2,175	2,255
1991	46	34	80	2,110	2,190
1992	50	25	75	2,075	2,150
1993	50	25	75	2,045	2,120
1994	59 <u>2/</u>	25	84	1,923	2,007
1995	47	18	65	1,955	2,020
1996	35	13	48	1,812	1,860
1997	31	10	41	1,774	1,815
1998	29	10	39	1,671	1,710
<b>1999 <u>3/</u></b>	<b>24</b>	<b>8</b>	<b>32</b>	<b>1,613</b>	<b>1,645</b>

1/Excludes milk sucked by calves. 2/Includes milk dumped on farm. 3/Preliminary.

## KENTUCKY MILK PRODUCTION, DISPOSITION AND CASH RECEIPTS, 1998 AND 1999

ITEM	1998	1999 <u>1/</u>	% of 1999 Total	1999 as % of 1998
(Million Pounds)				
<u>MILK MARKETING BY FARMERS</u>				
Sold to Plants and Dealers	1,671	1,613	98.0	97
<u>MILK USED ON FARMS WHERE PRODUCED</u>				
Used for Milk, Cream and Butter	10	8	.5	80
Fed to Calves	29	24	1.5	83
<u>TOTAL MILK PRODUCTION</u>	1,710	1,645	100.0	96
(Thousand Dollars)				
<u>VALUE OF MILK PRODUCTION</u>				
Cash Receipts From Milk Marketing	259,005	248,402	98.0	96
Value of Home Consumption	1,550	1,232	.5	79
Value of Milk Fed to Calves	4,495	3,696	1.5	82
<u>TOTAL VALUE OF MILK PRODUCED <u>2/</u></u>	265,050	253,330	100.0	96

1/Preliminary. 2/Includes value of milk used for home consumption and value of milk fed to calves.

## KENTUCKY COTTAGE CHEESE PRODUCTION 1997 - 1999 <sup>1/</sup>

PRODUCT	1997	1998	1999
	(000 Lbs.)		
Cottage Cheese Curd	18,202	19,328	16,087
Creamed Cottage Cheese	15,270	17,835	19,103
Lowfat Cottage Cheese	9,042	9,130	8,996

<sup>1/</sup>Data on other types of dairy products not published to avoid disclosure of individual operations. They are included in U.S. totals below.

## U.S. PRODUCTION OF DAIRY PRODUCTS 1998 - 1999

PRODUCT	1998 <sup>1/</sup>	1999	1999 % of 1998	MAJOR PRODUCING STATES
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### CHEESE AND BUTTER PRODUCTION - (000 Lbs.)

American Cheddar	2,633,446	2,816,867	107	Wisconsin, Minnesota
Mozzarella	2,366,164	2,518,832	106	Wisconsin, California
Other Cheese <sup>2/</sup>	2,492,509	2,608,333	105	Wisconsin, California
Total Cheese <sup>3/</sup>	7,492,119	7,944,032	106	Wisconsin, California
Butter	1,167,983	1,275,042	109	California, Wisconsin

### COTTAGE CHEESE PRODUCTION - (000 Lbs.)

Curd <sup>4/</sup>	465,759	465,469	100	New York, California
Creamed <sup>5/</sup>	366,761	361,581	99	New York, California
Lowfat <sup>6/</sup>	361,246	360,340	100	New York, California

### FROZEN PRODUCTS - (000 Gal.)

Ice Cream	935,080	954,066	102	California, Texas
Ice Cream, Lowfat	406,679	393,651	97	California, Indiana
Milk Sherbet	54,592	54,910	101	California, New York

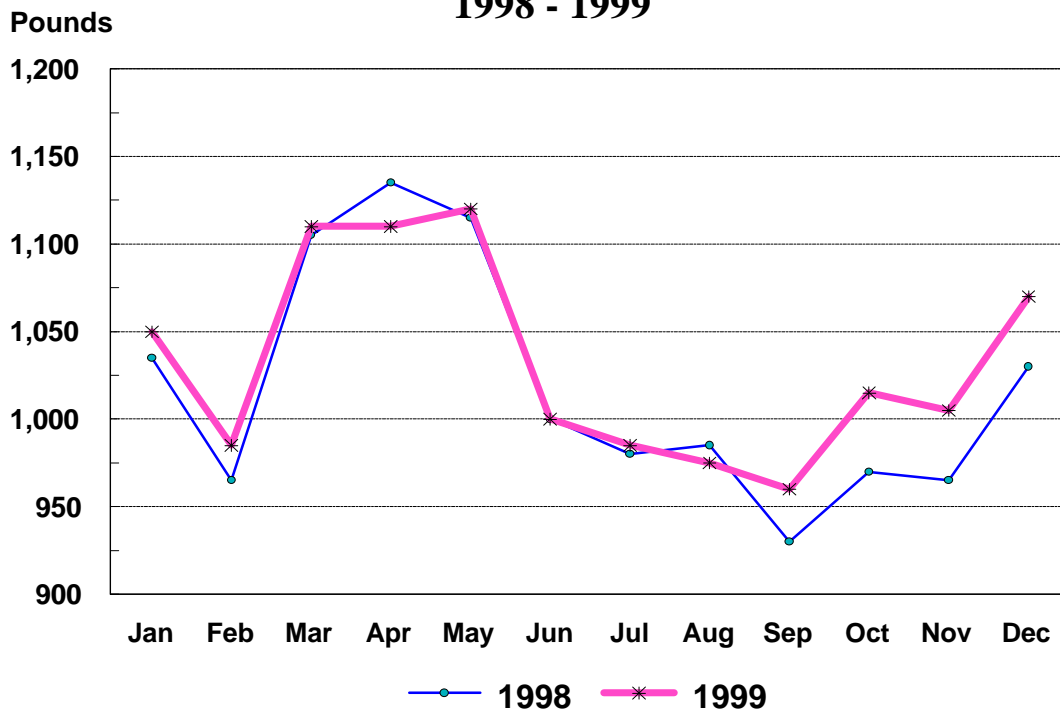
<sup>1/</sup>Revised. <sup>2/</sup>Includes Muenster, Brick, Limburger, Blue, Part Skim, Colby, Monterey, Jack, Swiss, Gorgonzola, Hispanic, Other Italian, Cream and Neufchatel. <sup>3/</sup>Excludes cottage cheese. <sup>4/</sup>Mostly used for processing into creamed or lowfat cottage cheese. <sup>5/</sup>Milkfat content 4.0 percent or more. <sup>6/</sup>Milkfat content less than 4.0 percent, mostly 0.5 to 2.0 percent milkfat.

# KENTUCKY MILK COWS AND MILK PRODUCTION 1998 AND 1999 <sup>1/</sup>

MONTH	Milk Cows on Farms <sup>2/</sup>		Milk Per Cow <sup>3/</sup>		Milk Production <sup>3/</sup>	
	1998	1999	1998	1999	1998	1999
	(Thousand Head)		(Pounds)		(Million Pounds)	
January	145	135	1,035	1,050	150	142
February	143	135	965	985	138	133
March	141	134	1,105	1,110	156	149
April	141	134	1,135	1,110	160	149
May	141	133	1,115	1,120	157	149
June	141	133	1,000	1,000	141	133
July	141	132	980	985	138	130
August	140	132	985	975	138	129
September	138	132	930	960	128	127
October	137	131	970	1,015	133	133
November	136	131	965	1,005	131	132
December	136	130	1,030	1,070	140	139
ANNUAL	140	133	12,214	12,368	1,710	1,645

<sup>1/</sup>Preliminary. <sup>2/</sup>Excludes heifers not yet fresh. <sup>3/</sup>Excludes milk sucked by calves.

## Kentucky Monthly Milk Per Cow 1998 - 1999



# MILK COWS AND MILK PRODUCTION COUNTY ESTIMATES - 1999 <sup>1/</sup>

District and County	Avg. Number Milk Cows On Farms	Annual Avg. Production Per Cow <sup>2/</sup>	Total Milk Production	District and County	Avg. Number Milk Cows On Farms	Annual Avg. Production Per Cow <sup>2/</sup>	Total Milk Production
		(Pounds)	(000 Pounds)			(Pounds)	(000 Pounds)
Ballard	400	15,250	6,100	Anderson	800	11,625	9,300
Calloway	1,200	10,333	12,400	Bath	600	9,167	5,500
Carlisle	800	12,625	10,100	Boyle	500	11,600	5,800
Graves	1,000	16,500	16,500	Fleming	6,700	13,045	87,400
Other Counties <sup>3/</sup>	1,100	12,545	13,800	Garrard	1,100	9,273	10,200
<b>DISTRICT 1</b>	4,500	13,089	58,900	Harrison	500	9,600	4,800
				Jessamine	300	7,333	2,200
Caldwell	700	14,429	10,100	Lincoln	4,700	11,851	55,700
Christian	2,000	19,400	38,800	Madison	400	13,250	5,300
Daviess	800	19,375	15,500	Mason	4,000	10,100	40,400
Logan	3,200	15,438	49,400	Mercer	2,400	11,250	27,000
Simpson	1,000	17,300	17,300	Montgomery	300	16,000	4,800
Todd	3,000	15,967	47,900	Nicholas	300	7,667	2,300
Other Counties <sup>3/</sup>	600	8,833	5,300	Robertson	300	7,667	2,300
<b>DISTRICT 2</b>	11,300	16,310	184,300	Shelby	4,800	10,292	49,400
				Spencer	2,300	6,957	16,000
Adair	6,900	14,319	98,800	Washington	3,200	11,563	37,000
Allen	900	7,444	6,700	Other Counties <sup>3/</sup>	700	8,714	6,100
Barren	9,000	13,722	123,500	<b>DISTRICT 5</b>	33,900	10,959	371,500
Breckinridge	700	10,286	7,200				
Bullitt	500	10,600	5,300	Jackson	800	11,875	9,500
Butler	300	12,000	3,600	Laurel	600	8,667	5,200
Casey	3,000	9,300	27,900	Lewis	1,100	11,818	13,000
Clinton	800	14,000	11,200	Pulaski	4,100	9,683	39,700
Cumberland	700	12,714	8,900	Rockcastle	800	11,500	9,200
Edmonson	1,200	14,083	16,900	Wayne	800	12,250	9,800
Grayson	3,100	13,290	41,200	Other Counties <sup>3/</sup>	1,100	9,000	9,900
Green	3,200	11,875	38,000	<b>DISTRICT 6</b>	9,300	10,355	96,300
Hardin	2,500	13,760	34,400				
Hart	4,000	12,975	51,900	<b>KENTUCKY</b>	133,000	12,368	1,645,000
Larue	2,400	15,917	38,200				
Marion	4,400	11,886	52,300				
Metcalfe	3,300	13,152	43,400				
Monroe	4,100	12,951	53,100				
Nelson	4,900	11,918	58,400				
Russell	3,200	14,938	47,800				
Taylor	3,000	13,067	39,200				
Warren	4,900	11,551	56,600				
Other Counties <sup>3/</sup>	300	8,000	2,400				
<b>DISTRICT 3</b>	67,300	12,881	866,900				
Boone	500	7,000	3,500				
Bracken	900	11,667	10,500				
Henry	2,100	9,333	19,600				
Kenton	400	11,750	4,700				
Oldham	1,000	10,200	10,200				
Owen	600	10,000	6,000				
Pendleton	400	9,750	3,900				
Other Counties <sup>3/</sup>	800	10,875	8,700				
<b>DISTRICT 4</b>	6,700	10,015	67,100				

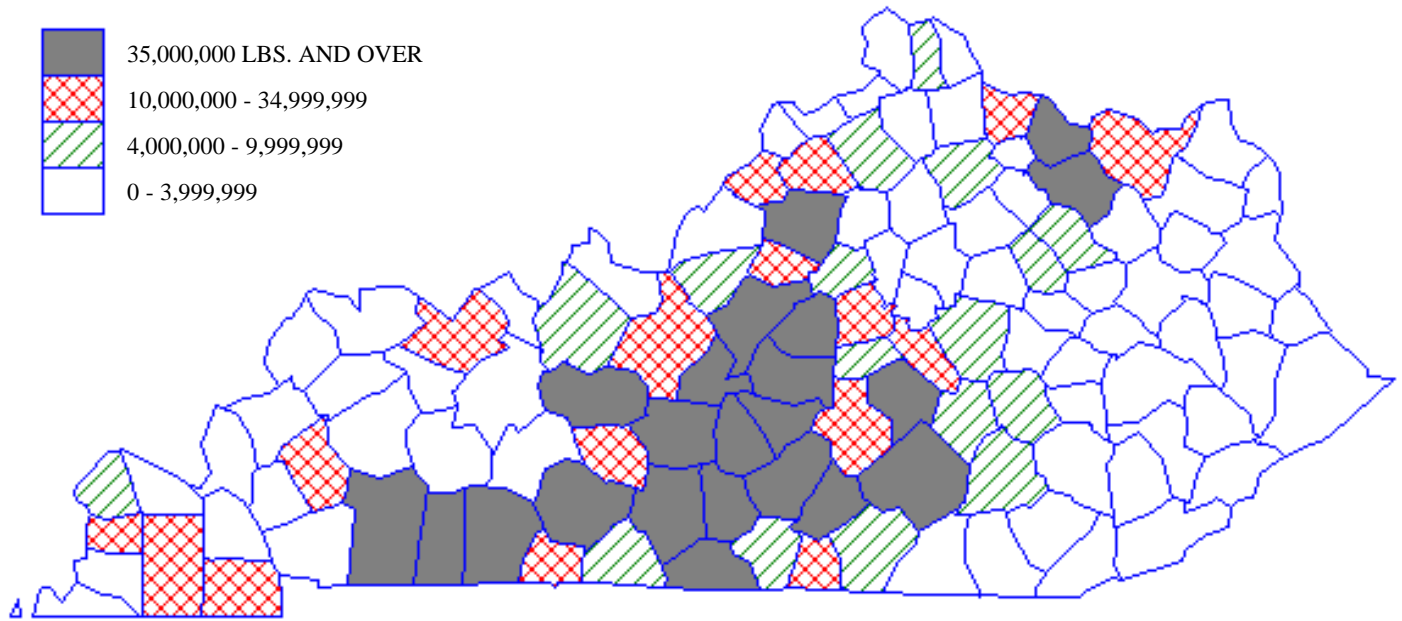
## TOP PRODUCING COUNTIES

(000 Lbs.)

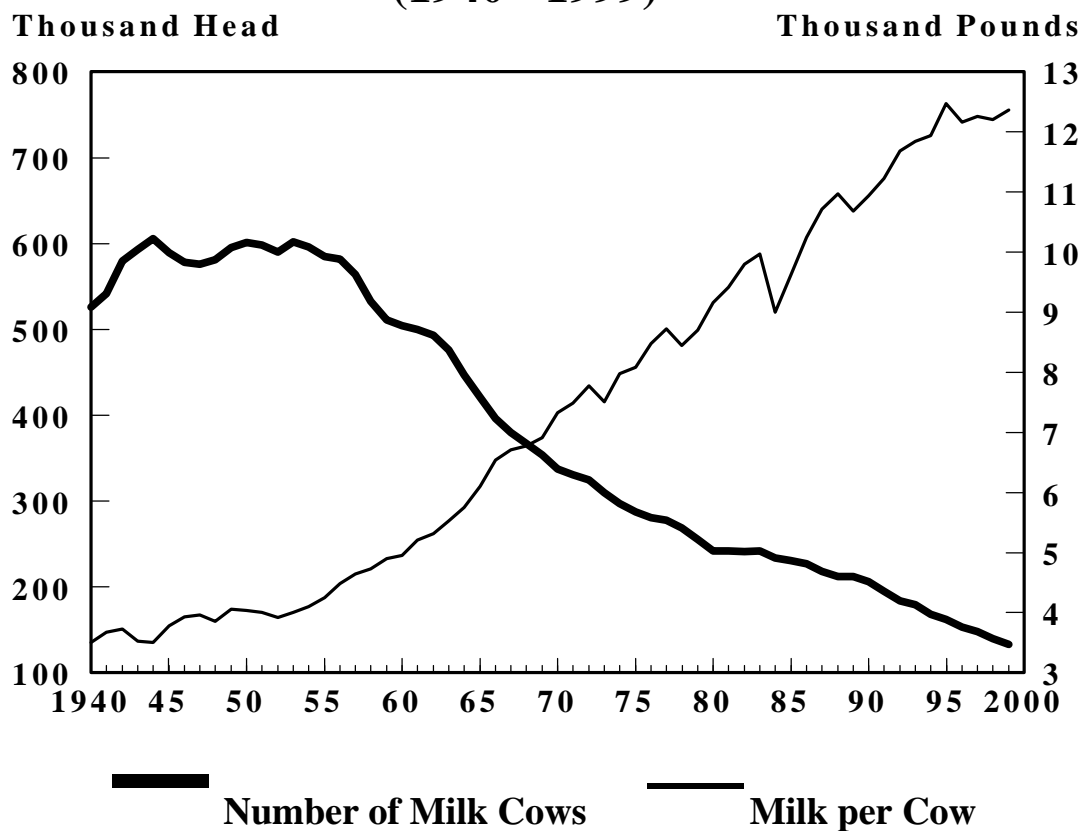
Barren	123,500
Adair	98,800
Fleming	87,400
Nelson	58,400
Warren	56,600

<sup>1/</sup>Preliminary. <sup>2/</sup>Total Milk Production divided by Average Number Cows on Farms. <sup>3/</sup>Less than 300 head included in "Other Counties".

# MILK PRODUCTION - 1999



## Kentucky Milk Cow Numbers Annual Milk Production Per Cow (1940 - 1999)



# MILK COWS, PRODUCTION AND INCOME BY STATES - 1999

State	Milk Cows <u>1/</u>	Average Milk Per Cow	Milk Production <u>2/</u>	Cash Receipts From Milk And Cream
	(000)	(Lbs.)	(Mil. Lbs.)	(\$1,000)
Alabama	27	13,852	374	61,215
Alaska	1.0	13,580	13.6	2,650
Arizona	134	21,873	2,931	402,684
Arkansas	42	12,381	520	77,000
California	1,466	20,788	30,475	4,089,876
Colorado	83	20,819	1,728	256,576
Connecticut	29	17,931	520	83,268
Delaware	11.0	15,545	171.0	25,500
Florida	158	15,177	2,398	411,596
Georgia	89	16,281	1,449	229,600
Hawaii	8.6	13,919	119.7	31,223
Idaho	318	20,292	6,453	834,080
Illinois	123	16,496	2,029	295,911
Indiana	136	16,066	2,185	310,320
Iowa	217	17,521	3,802	500,479
Kansas	86	16,221	1,395	192,237
<b>Kentucky</b>	<b>133</b>	<b>12,368</b>	<b>1,645</b>	<b>248,402</b>
Louisiana	61	11,656	711	113,937
Maine	42	16,500	693	109,600
Maryland	85	16,059	1,365	203,250
Massachusetts	25	16,800	420	68,145
Michigan	299	18,244	5,455	801,420
Minnesota	545	17,391	9,478	1,311,283
Mississippi	38	14,526	552	89,324
Missouri	159	13,962	2,220	321,783
Montana	18	16,833	303	42,340
Nebraska	74	15,392	1,139	149,410
Nevada	25	19,880	497	65,436
New Hampshire	19	16,895	321	49,612
New Jersey	17	16,471	280	42,104
New Mexico	232	20,366	4,725	657,440
New York	701	17,175	12,040	1,736,962
North Carolina	73	16,658	1,216	208,278
North Dakota	49	14,061	689	89,232
Ohio	260	17,096	4,445	648,417
Oklahoma	92	13,576	1,249	191,425
Oregon	89	18,708	1,665	244,360
Pennsylvania	616	17,745	10,931	1,705,805
Rhode Island	2.0	15,500	31.0	4,774
South Carolina	24	15,375	369	59,658
South Dakota	102	14,775	1,507	214,992
Tennessee	97	14,608	1,417	224,190
Texas	345	16,290	5,620	839,400
Utah	92	17,533	1,613	221,427
Vermont	160	16,950	2,712	413,028
Virginia	121	15,529	1,879	292,648
Washington	247	22,409	5,535	820,245
West Virginia	18	15,278	275	41,344
Wisconsin	1,365	16,902	23,071	3,159,941
Wyoming	6.0	13,300	79.8	10,166
UNITED STATES <u>3/</u>	9,156	17,771	162,711	23,203,993

1/Average number on farms during year, excluding heifers not yet fresh. 2/Excludes milk sucked by calves.

3/Rounded sum of individual states.

# **1999 FARM INCOME HIGHLIGHTS**

## **CASH RECEIPTS**

Farm product sales during 1999 totaled \$3.46 billion for Kentucky producers, down 8 percent from 1998. Crop sales totaled \$1.3 billion, down 19 percent from 1998 due to a sharp drop in tobacco quota and low crop prices. Livestock and livestock product sales generated \$2.16 billion, slightly below the 1998 level. Sales of horses and stud fees were the leading source of cash receipts for Kentucky during 1999 with \$830 million. Tobacco was the number one cash crop for 1999, and accounted for \$737 million in cash receipts.

Cash receipts for all major crops except hay were below 1998 levels. Tobacco receipts fell 20 percent from 1998 to \$737 million during 1999 as quota levels were cut. Tobacco accounted for 21 percent of total receipts and remains the number one cash crop for Kentucky. Corn was the number two crop with \$235 in cash receipts, 4 percent below 1998. Soybeans ranked third and generated \$144.5 million in sales during 1999, well below the \$237 million reported in 1998. Soybean production was reduced because of the drought of 1999.

Lower prices also reduced cash receipts. Wheat and hay were fourth and fifth in crop cash receipts. Wheat sales were \$58.8 million during 1999, 9 percent below the previous year while hay sales, at \$46.5 million, climbed slightly from the 1998 level.

Receipts from the sale of livestock and livestock products during 1999 were down slightly from 1998. Sales of horses, broilers, and eggs increased from 1998 levels. Sales of horses and stud fees were the largest source of cash receipts in Kentucky, climbing 5 percent to \$830 million or 24 percent of total receipts. Cattle and calf sales ranked second with \$551 million, 10 percent below the previous year. Broiler receipts came in third and generated \$363 million, up 9 percent from 1998. Receipts from dairy products ranked fourth at \$248 million, down 4 percent from 1998. Hogs were fifth with \$77.7 million in cash receipts, during 1999, 13 percent below the previous year. Extremely low prices at the beginning of the year and a declining inventory account for the reduced cash receipts.

## **PRICES RECEIVED BY KENTUCKY FARMERS**

Average prices received for 1999 were below the 1998 levels for all major crops except tobacco and hay. Cattle and egg prices were up from the previous year. Milk prices were down fractionally, but hog prices fell to their lowest level in almost 30 years.

The preliminary marketing year average price for corn was \$2.15 per bushel, compared with \$2.17 for 1998, and the lowest level since 1987. Soybeans averaged \$4.95 per bushel, down 20 cents from the previous year and the lowest season average price since 1975. The marketing year for corn and soybeans is from September through August. Wheat prices averaged \$2.15 per bushel, down 11 cents from 1998 and the lowest average price since 1977. The marketing year for wheat is from July through June.

Burley tobacco averaged \$1.900 per pound during the 1999 marketing season, virtually unchanged from the \$1.903 posted for the previous year. Dark tobacco prices averaged \$2.195 per pound, up 6.6 cents from the average of \$2.129 during 1998.

The All Hay price averaged \$91.50 per ton during 1999, up 6 percent from 1998. Other Hay averaged \$78 per ton, up 7 percent from the previous year. Alfalfa averaged \$117 per ton, 4 percent above the 1998 average.

Cattle and calf prices were steady to higher during 1999. Steers and heifers weighing over 500 pounds averaged \$69.50 per hundred pounds, up 4 percent from 1998. Beef cows were unchanged from 1998 at \$34.80 per hundred pounds while calves under 500 pounds averaged \$80.20 per hundred pounds during 1999, 7 percent above the previous year.

Hog prices declined from 1998 and remain at their lowest level since 1972. Barrows and gilts averaged \$28.80 per hundred pounds during 1999, down 19 percent from the previous year. Sows averaged \$22.20 per hundred pounds, 10 percent below 1998. All Hogs averaged \$28.50 per hundred pounds, down 19 percent from the \$35.20 recorded during 1998.

The All Milk price for 1999 averaged \$15.40 per hundred pounds, down slightly from the \$15.50 recorded in 1998. Fluid grade milk averages are the same as the All Milk price for both years. Manufacturing grade milk average for 1999 was \$11.50 per hundred pounds, down 13 percent from the 1998 average of \$13.20. Milk cows averaged \$1200 per head during 1999, compared with \$1030 per head for the previous year.

The 1999 average price for broilers was 37 cents per pound, compared with 39.5 cents during 1998. Egg prices, at 78.5 cents per dozen, were up 8 percent from the previous year.

## **KENTUCKY CROP VALUES - 1999**

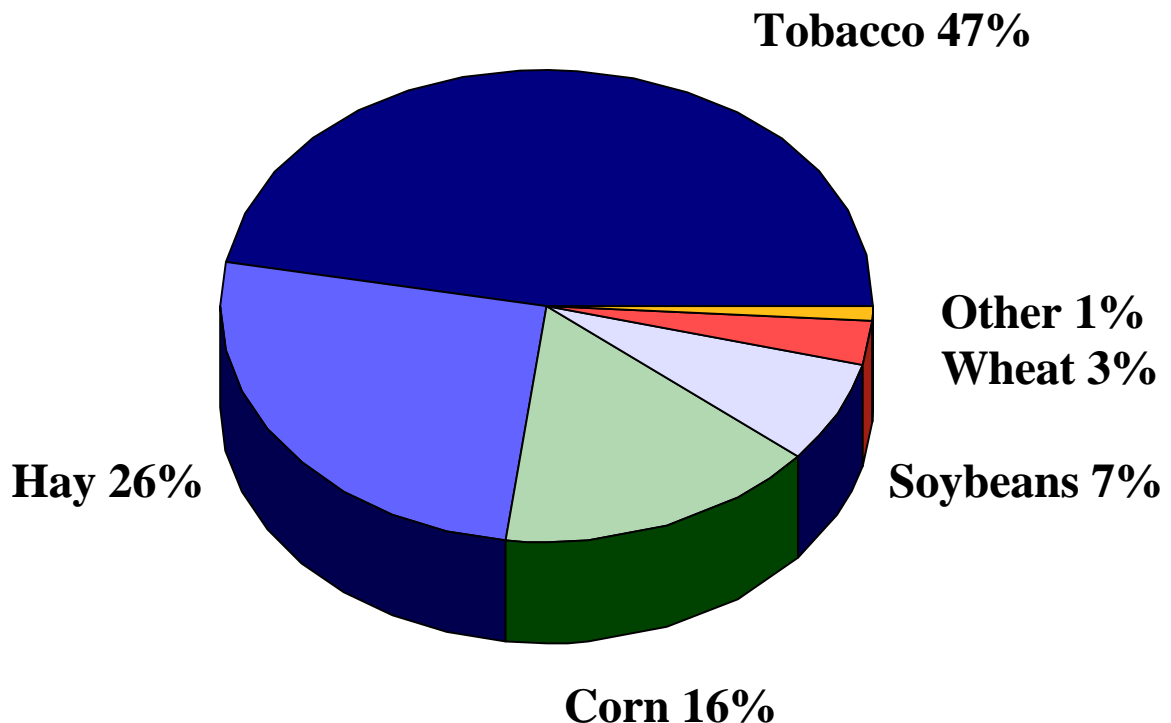
Crops produced by Kentucky farmers during 1999 were valued at \$1.67 billion. This was down 11 percent from the \$1.88 billion in 1998. All of Kentucky's top five crops (tobacco, hay, corn, soybeans and wheat) were down in value from the previous year. Tobacco was down 8 percent in value, hay down 10 percent, corn down 10 percent, soybeans down 36 percent and winter wheat down 5 percent. The decrease in value resulted from reduced production by all five crops and lower prices received for three of the crops. Only the tobacco and hay prices were up from the previous year. The decrease in production was brought about by the drought experienced during the summer of 1999.

Kentucky's top five crops accounted for over 99 percent of the total value of all crops grown in Kentucky. Tobacco continued to be the number one crop produced in the State with a

value of \$784.5 million. This was 47 percent of Kentucky's total crop value. The price per pound of tobacco was \$1.920, down .3 cents from 1998. Hay was second with 26 percent of the total crop value. The price of hay increased from \$86.00 per ton to \$91.50 in 1999. Corn was third with 16 percent of the total crop value. The price of corn was \$2.15 per bushel, down 2 cents from 1998 and the lowest season average price in 12 years. Soybeans were fourth with 7 percent of the total. Price of soybeans at \$4.95 was the lowest price received in 24 years. Winter wheat made up 3 percent.

Leading the U.S. crops by value of production were corn, soybeans, all hay, wheat, all cotton and all tobacco. All the above crops were down in value from the previous year. Tobacco, Kentucky's number one cash crop, accounted for 33 percent of the nations tobacco value.

### **DISTRIBUTION OF CROP VALUES FOR 1999**



## KENTUCKY CROPS RANKED BY 1999 VALUE OF PRODUCTION

RANK	COMMODITY & UNIT	1998 CROP YEAR <u>1</u> /		1999 CROP YEAR <u>2</u> /		CHANGE IN VALUE
		Price Per Unit <u>3</u> /	Total Value	Price Per Unit <u>3</u> /	Total Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(1999 as % of 1998)
1.	Tobacco, All, lb.	1.917	850,470	1.920	784,498	92
2.	Hay, All, baled, ton	86.00	490,630	91.50	440,115	90
3.	Corn (for grain), bu.	2.17	294,469	2.15	266,385	90
4.	Soybeans (beans), bu.	5.15	185,400	4.95	119,543	64
5.	Wheat, All, bu.	2.26	55,935	2.15	52,890	95
6.	Commercial Apples, lb.	.284	2,556	.293	2,051	80
7.	Sorghum (grain), bu.	1.98	1,267	1.76	1,126	89
8.	Barley, bu.	1.31	578	1.30	832	144
9.	Peaches, lb.	.375	563	.430	645	115
	TOTAL		1,881,868		1,668,085	89

1/Revised. 2/Preliminary. 3/Price per unit from Agricultural Prices Summary released July 2000 for all crops except tobacco, apples and peaches. Tobacco prices from May 2000 Crop Report and apples and peaches from July 2000 Fruit Release.

## TOP SIX UNITED STATES' CROPS RANKED BY 1999 VALUE OF PRODUCTION

RANK	COMMODITY & UNIT	1998 CROP YEAR <u>1</u> /		1999 CROP YEAR <u>2</u> /		CHANGE IN VALUE
		Price Per Unit <u>3</u> /	Total Value	Price Per Unit <u>3</u> /	Total Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(1999 as % of 1998)
1.	Corn (for grain), bu.	1.94	18,931,849	1.90	17,930,940	95
2.	Soybeans (beans), bu.	4.93	13,513,199	4.75	12,553,813	93
3.	Hay, All, baled, ton	84.60	12,840,588	77.00	12,248,929	95
4.	Wheat, All, bu.	2.65	6,750,401	2.55	5,871,230	87
5.	Cotton, All, lb.	.653	4,362,521	.471	3,836,125	87
6.	Tobacco, All, lb.	1.828	2,700,795	1.828	2,356,238	87

1/Revised. 2/Preliminary. 3/Price per unit from Agricultural Prices Summary released July 2000 for corn, all hay, soybeans and all wheat. Cotton from February 2000 Crop Values and tobacco from May 2000 Crop Report.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1990 - 1999

Year	Nov	Dec	Jan <u>1/</u>	Feb <u>1/</u>	Mar <u>1/</u>	Apr <u>1/</u>	May	Jun	Jul	Aug	Sep	Oct	Marketing Year Avg
<b>BURLEY TOBACCO - TYPE 31</b> (CENTS PER POUND)													
1990	174.5	175.0	177.5	175.5	-	-	-	-	-	-	-	-	175.5
1991	182.5	180.5	175.5	162.5	-	-	-	-	-	-	-	-	178.9
1992	183.5	183.0	180.5	177.5	173.0	-	-	-	-	-	-	-	182.1
1993	183.5	183.0	182.0	179.0	-	-	-	-	-	-	-	-	182.5
1994	185.5	184.0	183.5	182.0	-	-	-	-	-	-	-	-	184.4
1995	184.5	185.0	187.5	187.5	-	-	-	-	-	-	-	-	185.7
1996	192.5	192.5	192.5	190.0	-	-	-	-	-	-	-	-	192.2
1997	190.5	192.0	188.5	181.0	175.5	170.0	-	-	-	-	-	-	188.6
1998	191.0	191.0	190.0	185.0	162.5	-	-	-	-	-	-	-	190.3
<b>1999</b>	<b>189.5</b>	<b>191.0</b>	<b>190.5</b>	<b>187.5</b>	<b>177.0</b>	-	-	-	-	-	-	-	<b>190.0</b>

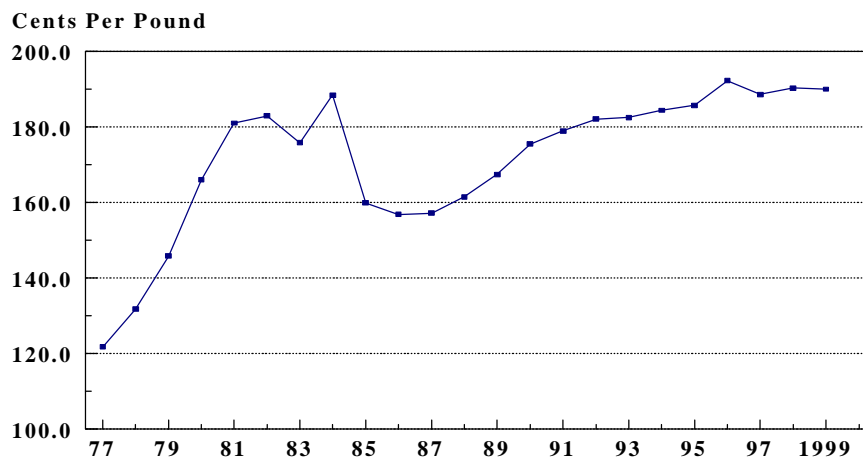
1/Following year.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY YEAR, 1990 - 1999

Crop Year	Eastern Dark Fire-Cured Tobacco (Type 22)	Western Dark Fire-Cured Tobacco (Type 23)	One Sucker Tobacco (Type 35)	Green River Tobacco (Type 36)
<b>OTHER TOBACCO <u>1/</u></b> (CENTS PER POUND)				
1990	194.1	189.9	189.9	178.7
1991	213.1	210.7	189.3	174.1
1992	218.7	215.9	172.6	164.8
1993	219.5	218.6	174.5	163.8
1994	211.9	207.5	166.9	173.6
1995	217.8	214.5	177.4	174.5
1996	224.6	223.3	194.5	197.9
1997	226.8	224.2	201.1	203.4
1998	225.9	215.9	195.2	197.4
<b>1999</b>	<b>231.2</b>	<b>226.0</b>	<b>206.6</b>	<b>198.2</b>

1/Marketing Year Average. Prices include country sales.

### 1977 - 1999 BURLEY TOBACCO PRICES MARKETING YEAR AVERAGE



# PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1990 - 2000

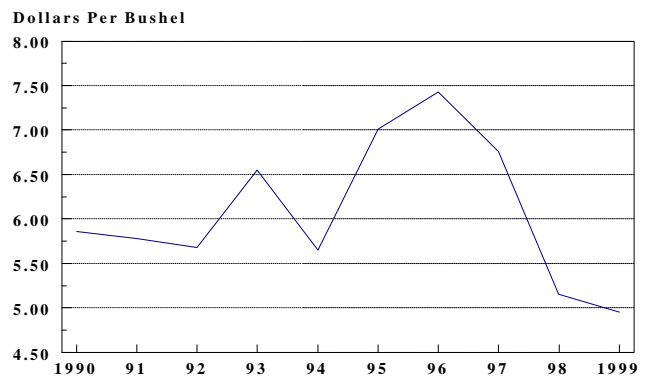
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Avg <u>1/</u>
<b>CORN</b> (DOLLARS PER BUSHEL)													
1990	2.58	2.55	2.59	2.78	2.88	2.98	2.93	2.68	2.44	2.35	2.48	2.45	2.48
1991	2.45	2.52	2.60	2.55	2.71	2.55	2.53	2.53	2.48	2.48	2.59	2.57	2.58
1992	2.63	2.70	2.73	2.75	2.69	2.74	2.47	2.54	2.27	2.17	2.06	2.16	2.23
1993	2.22	2.19	2.29	2.33	2.31	2.36	2.41	2.45	2.32	2.34	2.51	2.74	2.58
1994	2.69	2.89	2.87	2.77	2.69	2.79	2.59	2.26	2.16	2.21	2.16	2.33	2.38
1995	2.44	2.42	2.49	2.54	2.62	2.72	2.82	2.78	2.72	2.91	3.12	3.23	3.27
1996	3.23	3.59	3.98	4.00	4.55	4.67	5.12	4.08	3.36	2.94	2.78	2.79	3.00
1997	3.00	2.85	2.93	3.04	2.94	2.78	2.61	2.67	2.55	2.67	2.68	2.74	2.62
1998	2.76	2.74	2.75	2.58	2.51	2.48	2.34	2.02	1.94	2.15 <u>2/</u>	2.29	2.22	2.17 <u>2/</u>
1999	2.31	2.24	2.29	2.27	2.23	2.21	1.94	1.95	1.97	1.95	1.96	2.22	2.15 <u>3/</u>
2000 <u>3/</u>	2.17	2.23	2.26	2.29	2.35	2.19							
<b>WINTER WHEAT</b> (DOLLARS PER BUSHEL)													
1990	3.98	3.99	3.64	3.37	3.79	2.86	2.89	2.64	2.60	2.33	2.49	2.38	2.77
1991	2.43	2.52	2.53	2.60	2.55	2.47	2.11	2.52	2.23	2.64	3.39	3.76	2.51
1992	3.64	3.77	3.71	2.69	2.64	3.29	3.27	3.05	3.01	3.09	3.28	3.48	3.26
1993	3.54	3.56	3.44	3.48	3.19	2.59	2.70	2.95	2.71	2.83	3.04	3.22	2.83
1994	3.39	3.58	3.42	3.06	3.14	3.12	2.88	3.02	3.46	3.39	3.73	3.77	3.11
1995	3.71	3.55	3.44	3.15	3.31	3.70	3.81	3.99	3.92	4.19	4.41	4.70	3.84
1996	4.21	4.97	4.83	6.13	5.96	4.47	4.31	4.38	4.27	4.06	3.88	3.80	4.33
1997	3.84	3.57	3.73	3.50	3.80	3.32	3.18	3.41	3.45	3.31	3.02	3.28	3.24
1998	3.31	2.97	3.13	2.68	2.83	2.50	2.15	2.06	1.97	2.18	2.28	2.10	2.26 <u>2/</u>
1999	2.51	2.38	2.13	2.03	1.98	2.21	2.08	2.16	2.20	2.00	2.21	2.21	2.15 <u>3/</u>
2000 <u>3/</u>	2.50	2.32	2.66	2.15	2.32	2.34							
<b>SOYBEANS</b> (DOLLARS PER BUSHEL)													
1990	6.04	5.83	5.86	6.09	6.20	6.08	6.00	6.11	6.16	5.97	5.88	5.82	5.86
1991	5.85	5.85	5.85	5.86	5.93	5.79	5.64	5.88	5.86	5.70	5.66	5.60	5.78
1992	5.79	5.84	5.90	5.83	6.05	6.18	5.76	5.57	5.51	5.29	5.40	5.52	5.68
1993	5.74	5.73	5.79	5.89	5.97	6.09	6.69	6.76	6.34	6.11	6.38	6.66	6.55
1994	6.77	6.83	6.89	6.78	6.89	7.02	6.16	5.70	5.52	5.49	5.52	5.64	5.65
1995	5.64	5.73	5.71	5.75	5.82	5.94	6.16	6.09	6.25	6.39	6.66	6.91	7.01
1996	7.03	7.33	7.34	7.75	8.04	7.64	8.02	8.04	7.96	7.06	7.06	7.23	7.43
1997	7.34	7.63	7.96	8.36	8.72	8.35	7.78	7.55	7.02	6.83	7.15	6.94	6.76
1998	6.89	6.78	6.57	6.41	6.38	6.30	6.28	5.66	5.27	5.40 <u>2/</u>	5.63	5.52	5.15 <u>2/</u>
1999	5.48	4.91	4.80	4.73	4.63	4.59	4.22	4.68	4.76	4.63	4.55	4.62	4.95 <u>3/</u>
2000 <u>3/</u>	4.85	5.01	5.16	5.29	5.40	5.12							

1/Marketing year average is the weighted monthly price for the marketing year. Marketing year for Corn & Soybeans is September through August and for Winter Wheat is June through May. 2/Revised. 3/Preliminary.

**KENTUCKY CORN PRICES**  
Marketing Year Average, 1990 - 1999



**KENTUCKY SOYBEAN PRICES**  
Marketing Year Average, 1990 - 1999

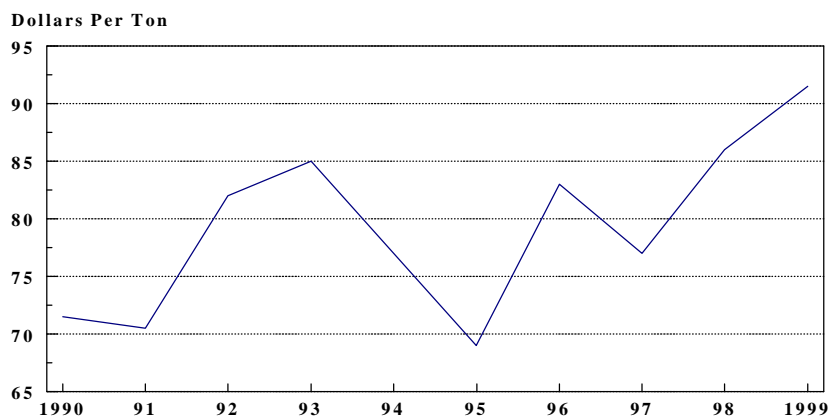


# PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1990 - 2000

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Avg <u>1</u> /
<b>ALFALFA HAY <u>2</u>/</b> (DOLLARS PER TON)													
1990	99.00	97.00	98.00	99.00	97.00	97.00	96.00	95.00	96.00	101.00	102.00	102.00	99.00
1991	102.00	99.00	100.00	101.00	100.00	97.00	97.00	95.00	94.00	94.00	96.00	98.00	97.00
1992	99.00	99.00	97.00	99.00	102.00	104.00	103.00	103.00	105.00	106.00	106.00	106.00	107.00
1993	110.00	114.00	116.00	118.00	118.00	104.00	105.00	106.00	108.00	109.00	110.00	112.00	110.00
1994	117.00	120.00	119.00	115.00	110.00	106.00	105.00	107.00	109.00	112.00	110.00	108.00	108.00
1995	110.00	110.00	102.00	99.00	99.00	95.00	95.00	95.00	96.00	105.00	106.00	95.00	98.00
1996	96.00	103.00	108.00	107.00	104.00	98.00	107.00	118.00	117.00	114.00	112.00	106.00	108.00
1997	104.00	108.00	104.00	98.00	95.00	91.00	91.00	95.00	100.00	110.00	108.00	104.00	99.00
1998	103.00	107.00	107.00	110.00	110.00	105.00 <u>3</u> /	111.00	111.00 <u>3</u> /	107.00 <u>3</u> /	111.00 <u>3</u> /	107.00 <u>3</u> /	107.00 <u>3</u> /	112.00 <u>3</u> /
1999	110.00	125.00	123.00	125.00	122.00	119.00	113.00	120.00	120.00	122.00	122.00	120.00	117.00 <u>4</u> /
<b>2000 <u>4</u>/</b>	<b>122.00</b>	<b>122.00</b>	<b>119.00</b>	<b>116.00</b>	<b>112.00</b>	<b>105.00</b>							
<b>ALL OTHER HAY <u>2</u>/</b> (DOLLARS PER TON)													
1990	64.00	63.00	64.00	65.00	64.00	63.00	62.00	62.00	63.00	66.00	66.00	67.00	64.50
1991	68.00	64.00	63.00	68.00	65.00	63.00	63.00	62.00	63.00	63.00	63.00	64.00	64.00
1992	65.00	65.00	65.00	66.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	68.00
1993	68.00	69.00	71.00	73.00	73.00	67.00	67.00	66.00	68.00	69.00	70.00	70.00	70.50
1994	73.00	76.00	76.00	75.00	72.00	69.00	68.00	69.00	72.00	75.00	72.00	68.00	69.00
1995	69.00	68.00	63.00	61.00	61.00	59.00	58.00	58.00	58.00	65.00	66.00	60.00	61.50
1996	60.00	65.00	67.00	66.00	64.00	66.00	73.00	80.00	77.00	74.00	72.00	68.00	70.50
1997	67.00	69.00	68.00	66.00	63.00	59.00	59.00	62.00	65.00	72.00	71.00	68.00	66.00
1998	67.00	70.00	70.00	72.00	73.00	68.00 <u>3</u> /	72.00	72.00 <u>3</u> /	70.00 <u>3</u> /	72.00 <u>3</u> /	70.00 <u>3</u> /	73.00 <u>3</u> /	73.00 <u>3</u> /
1999	72.00	81.00	80.00	81.00	79.00	77.00	73.00	78.00	78.00	79.00	79.00	78.00	78.00 <u>4</u> /
<b>2000 <u>4</u>/</b>	<b>79.00</b>	<b>79.00</b>	<b>77.00</b>	<b>75.00</b>	<b>73.00</b>	<b>68.00</b>							
<b>ALL HAY <u>2</u>/</b> (DOLLARS PER TON)													
1990	71.00	70.00	71.00	72.00	71.00	70.00	69.00	69.00	70.00	73.00	73.00	74.00	71.50
1991	75.00	71.00	70.00	75.00	72.00	70.00	70.00	69.00	69.00	69.00	70.00	71.00	70.50
1992	72.00	72.00	71.00	73.00	74.00	74.00	74.00	74.00	75.00	75.00	75.00	75.00	82.00
1993	86.00	83.00	83.00	85.00	89.00	77.00	75.00	88.00	79.00	85.00	79.00	91.00	85.00
1994	92.00	89.00	88.00	85.00	94.00	78.00	74.00	82.00	78.00	80.00	75.00	74.00	77.00
1995	78.00	76.00	67.00	71.00	83.00	68.00	64.00	70.00	64.00	71.00	69.00	65.00	69.00
1996	68.00	72.00	72.00	77.00	92.00	78.00	85.00	99.00	91.00	77.00	82.00	76.00	83.00
1997	76.00	83.00	81.00	80.00	86.00	71.00	70.00	78.00	77.00	75.00	81.00	75.00	77.00
1998	76.00	83.00	84.00	88.00	95.00 <u>3</u> /	82.00 <u>3</u> /	86.00	92.00 <u>3</u> /	83.00 <u>3</u> /	75.00 <u>3</u> /	80.00 <u>3</u> /	78.00 <u>3</u> /	86.00 <u>3</u> /
1999	82.00	97.00	96.00	100.00	110.00	93.00	87.00	99.00	93.00	82.00	90.00	87.00	91.50 <u>4</u> /
<b>2000 <u>4</u>/</b>	<b>90.00</b>	<b>94.00</b>	<b>93.00</b>	<b>93.00</b>	<b>101.00</b>	<b>82.00</b>							

1/Marketing year for Hay is May - April. Marketing year average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. 2/Baled. 3/Revised. 4/Preliminary.

## ALL HAY AVERAGE PRICES Marketing Year Average, 1990 - 1999



# PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1990 - 2000

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <u>1/</u>
<b>COWS <u>2/</u></b> (DOLLARS PER CWT.)													
1990	48.50	50.30	50.80	50.70	52.80	54.00	51.00	51.10	49.90	48.00	45.90	46.80	49.60
1991	46.60	49.10	49.10	51.20	52.70	51.90	48.90	47.50	47.20	44.60	43.20	44.40	47.80
1992	44.30	46.50	47.20	46.60	48.40	47.30	46.90	47.30	46.00	45.00	43.40	44.50	46.00
1993	45.00	47.00	46.00	47.00	50.00	50.00	49.00	48.00	46.00	44.00	43.00	43.00	46.20
1994	43.50	44.00	45.00	46.50	46.00	44.00	43.00	42.00	40.00	37.00	36.00	37.00	41.90
1995	37.50	41.00	39.00	39.00	38.00	38.50	36.50	35.50	32.50	31.00	30.00	30.00	35.40
1996	31.00	31.00	31.00	29.50	31.00	31.00	31.00	31.00	29.00	29.00	28.00	27.00	30.60
1997	28.00	33.00	36.00	38.00	39.00	39.00	39.00	36.00	34.00	33.00	32.00	32.00	34.80
1998	35.00	37.00	37.00	38.00	38.00	37.00	36.00	35.00	33.00	30.00	30.00	30.00	34.80 <u>3/</u>
1999	32.00	34.00	35.00	35.00	37.00	36.00	36.00	35.00	33.00	33.00	34.00	35.00	34.80
<b>2000 <u>4/</u></b>	<b>34.00</b>	<b>36.00</b>	<b>38.00</b>	<b>40.00</b>	<b>41.00</b>	<b>41.00</b>							
<b>STEERS AND HEIFERS <u>5/</u></b> (DOLLARS PER CWT.)													
1990	76.70	77.00	77.20	79.30	81.00	81.80	80.80	81.70	81.40	79.10	78.90	78.60	79.50
1991	80.90	83.80	84.60	85.50	86.10	84.20	83.70	79.60	79.20	77.30	72.60	72.00	80.60
1992	71.60	74.80	74.30	74.50	74.20	74.70	76.00	77.10	76.00	73.90	73.40	74.30	74.60
1993	77.00	78.00	79.00	82.00	82.00	83.00	81.00	80.00	79.00	77.00	75.00	74.00	79.00
1994	75.00	75.00	77.00	76.00	73.00	69.00	70.00	70.00	67.00	62.00	63.00	64.00	70.60
1995	67.00	66.00	63.00	62.00	60.00	60.00	58.00	57.00	55.00	54.00	52.00	52.00	58.90
1996	48.00	49.00	48.50	45.00	46.00	48.00	49.00	50.00	50.00	48.00	49.00	49.00	48.20
1997	57.00	61.00	64.00	66.00	70.00	70.00	73.00	72.00	71.00	67.00	65.00	67.00	66.90
1998	70.00	71.00	72.00	73.00	73.00	70.00	64.00	63.00	60.00	61.00	61.00	61.00	66.60
1999	64.00	67.00	67.00	67.00	67.00	70.00	71.00	71.00	72.00	74.00	74.00	77.00	69.50
<b>2000 <u>4/</u></b>	<b>80.00</b>	<b>81.00</b>	<b>84.00</b>	<b>85.00</b>	<b>85.00</b>	<b>85.00</b>							
<b>BEEF CATTLE <u>6/</u></b> (DOLLARS PER CWT.)													
1990	67.20	68.90	69.80	70.80	71.60	74.60	71.30	74.20	72.50	70.80	70.00	68.30	70.80
1991	69.40	73.60	74.20	76.10	75.70	75.00	73.20	71.00	69.90	68.00	63.20	64.50	71.00
1992	62.30	66.80	66.90	67.00	65.80	66.40	67.60	69.00	67.60	66.30	64.30	64.80	66.30
1993	69.30	70.60	71.10	73.60	74.30	75.10	73.30	72.30	71.10	69.10	67.30	66.60	71.10
1994	67.40	67.60	69.30	68.90	66.50	63.00	63.50	63.30	60.50	56.00	56.50	57.50	63.70
1995	59.90	60.00	57.20	56.50	54.70	54.80	52.80	51.80	49.60	48.50	46.70	46.70	53.30
1996	43.90	44.70	44.30	41.30	42.40	43.90	44.70	45.40	45.00	43.40	44.00	43.70	43.80
1997	50.00	54.30	57.30	59.30	62.60	62.60	64.80	63.40	62.10	58.80	57.10	58.60	59.20
1998	61.60	63.10	63.60	64.60	64.50	62.10	57.30	56.30	53.30	53.60	53.60	53.60	59.00 <u>3/</u>
1999	56.30	59.10	59.30	59.30	59.80	61.80	62.60	62.40	62.60	64.20	64.40	66.90	59.30
<b>2000 <u>4/</u></b>	<b>69.00</b>	<b>70.20</b>	<b>73.00</b>	<b>74.20</b>	<b>74.40</b>	<b>74.40</b>							
<b>CALVES <u>7/</u></b> (DOLLARS PER CWT.)													
1990	82.90	88.00	91.80	93.80	95.20	92.80	91.60	94.30	90.60	86.50	85.70	89.50	89.60
1991	90.70	98.20	101.00	105.00	103.00	98.20	97.20	91.40	90.70	86.40	80.30	78.90	93.00
1992	79.90	85.30	87.10	86.40	83.30	82.20	84.50	86.90	84.10	79.60	78.80	77.70	82.90
1993	83.00	85.00	89.00	93.00	93.50	94.00	90.00	90.00	87.00	84.00	81.00	81.00	87.80
1994	83.00	85.00	91.00	89.00	83.00	78.00	77.00	78.00	74.00	69.00	70.00	71.00	79.40
1995	75.00	75.00	73.00	71.00	68.00	67.00	64.00	59.00	56.00	54.00	50.00	50.00	63.70
1996	46.00	48.00	49.00	45.00	46.00	46.50	45.00	48.00	47.00	45.00	46.00	46.00	46.50
1997	56.00	64.00	71.00	75.00	78.00	78.00	81.00	77.00	75.00	70.00	69.00	73.00	72.20
1998	77.00	80.00	84.00	87.00	83.00	77.00	69.00	70.00	65.00	66.00	66.00	68.00	74.90 <u>3/</u>
1999	75.00	78.00	79.00	79.00	78.00	79.00	79.00	79.00	81.00	81.00	81.00	87.00	80.20
<b>2000 <u>4/</u></b>	<b>93.00</b>	<b>94.00</b>	<b>100.00</b>	<b>102.00</b>	<b>99.00</b>	<b>97.00</b>							

1/Annual average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. 2/Beef cows and cull dairy cows sold for slaughter. 3/Revised. 4/Preliminary. 5/500 lbs. and over. 6/"Steers and heifers" and "cows" combined. 7/Under 500 lbs.

# PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1990 - 2000

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <u>1/</u>
<b>MILK COWS</b> (DOLLARS PER HEAD)													
1990	990	-	-	1,030	-	-	1,030	-	-	1,060	-	-	1,030
1991	1,000	-	-	980	-	-	960	-	-	970	-	-	980
1992	970	-	-	990	-	-	970	-	-	990	-	-	980
1993	980	-	-	990	-	-	1,020	-	-	1,030	-	-	1,010
1994	1,030	-	-	1,020	-	-	1,030	-	-	1,040	-	-	1,030
1995	1,030	-	-	1,050	-	-	1,040	-	-	1,020	-	-	1,040
1996	1,000	-	-	990	-	-	990	-	-	1,000	-	-	1,000
1997	1,000	-	-	1,050	-	-	1,040	-	-	1,020	-	-	1,030
1998	1,000	-	-	1,000	-	-	1,040	-	-	1,090	-	-	1,030
1999	1,140	-	-	1,170	-	-	1,180	-	-	1,290	-	-	1,200
<b>2000 <u>2/</u></b>	<b>1,240</b>	-	-	<b>1,250</b>	-	-							
<b>MILK-FLUID MARKET <u>3/</u></b> (DOLLARS PER CWT.)													
1990	16.50	16.00	15.10	13.80	13.80	14.00	14.50	15.00	15.00	14.60	14.00	12.10	14.50
1991	12.10	12.10	11.90	11.60	11.70	11.80	12.30	12.70	13.10	13.80	14.40	14.50	12.60
1992	14.40	13.80	13.30	13.00	13.00	13.60	14.00	14.30	14.50	14.50	14.00	13.70	13.80
1993	13.40	13.10	12.80	12.70	13.10	14.00	14.40	13.60	13.20	13.40	14.20	14.40	13.50
1994	14.70	14.40	14.30	14.30	14.40	14.50	13.10	13.20	13.60	13.80	14.00	13.90	14.00
1995	13.60	13.40	13.30	13.30	13.50	13.00	12.90	13.40	13.30	13.80	14.40	14.50	13.50
1996	14.90	14.80	14.60	14.40	14.60	15.10	15.70	16.00	16.50	17.00	17.10	15.60	15.50
1997	13.70	13.50	13.90	14.10	14.10	13.30	12.60	12.70	13.00	14.20	15.00	15.00	13.80
1998	15.00	15.40	15.20	14.80	14.40	14.10	12.90	15.10	16.80	17.40	17.50	18.20	15.50 <u>4/</u>
1999	18.80	18.50	17.70	12.20	13.20	13.60	13.30	13.50	15.80	17.50	17.90	13.30	15.40
<b>2000 <u>2/</u></b>	<b>13.10</b>	<b>13.00</b>	<b>13.00</b>	<b>13.10</b>	<b>13.60</b>	<b>13.90</b>							
<b>MILK-MANUFACTURING GRADE</b> (DOLLARS PER CWT.)													
1990	13.10	11.80	11.30	11.40	11.60	11.80	12.40	12.40	11.70	11.00	9.90	9.70	11.60
1991	9.65	9.55	9.05	8.90	9.20	9.45	9.75	10.30	10.80	11.40	11.50	11.20	10.00
1992	10.80	10.30	10.20	10.50	10.90	10.90	11.30	11.80	11.70	11.60	11.00	10.70	11.00
1993	10.20	10.10	10.30	11.00	11.10	10.80	10.60	10.60	11.30	11.50	11.80	11.60	10.90
1994	11.50	10.80	11.70	11.60	10.90	10.90	10.80	11.40	11.70	12.00	11.70	11.20	11.30
1995	10.90	11.30	11.30	10.70	10.70	10.70	10.60	10.70	11.10	11.50	11.50	11.20	11.00
1996	11.10	11.80	11.60	11.40	12.60	12.60	13.30	13.70	14.50	13.80	11.20	10.70	12.50
1997	11.30	11.30	11.60	10.50	9.80	9.80	10.00	11.20	12.00	12.50	12.80	12.80	11.20
1998	12.70	12.70	12.10	11.50	10.50	12.40	12.90	14.20	14.80	15.60	15.40	16.00	13.20 <u>4/</u>
1999	15.10	9.80	10.90	10.90	10.20	10.40	12.10	13.60	14.30	10.90	9.80	9.40	11.50
<b>2000 <u>2/</u></b>	<b>10.10</b>	<b>9.50</b>	<b>9.00</b>	<b>8.80</b>	<b>8.80</b>	<b>8.90</b>							
<b>MILK-WHOLESALE, ALL</b> (DOLLARS PER CWT.)													
1990	16.30	15.70	14.80	13.60	13.60	13.80	14.30	14.80	14.80	14.40	13.80	12.00	14.30
1991	12.00	12.00	11.70	11.50	11.60	11.70	12.20	12.60	13.00	13.70	14.30	14.40	12.50
1992	14.20	13.60	13.10	12.90	12.90	13.50	13.90	14.20	14.40	14.30	13.90	13.50	13.70
1993	13.30	12.90	12.70	12.60	13.00	13.80	14.20	13.50	13.20	13.30	14.10	14.30	13.40
1994	14.60	14.20	14.20	14.10	14.20	14.40	13.00	13.20	13.50	13.70	13.90	13.80	13.90
1995	13.50	13.30	13.20	13.20	13.50	13.00	12.80	13.30	13.30	13.70	14.30	14.40	13.50
1996	14.90	14.80	14.60	14.30	14.60	15.00	15.70	15.90	16.50	17.00	17.00	15.50	15.40
1997	13.70	13.40	13.90	14.00	14.00	13.20	12.50	12.60	13.00	14.20	15.00	15.00	13.70
1998	15.00	15.30	15.10	14.70	14.30	14.10	12.90	15.10	16.80	17.40	17.50	18.20	15.50
1999	18.70	18.40	17.60	12.20	13.10	13.60	13.30	13.50	15.70	17.40	17.80	13.30	15.40
<b>2000 <u>2/</u></b>	<b>13.10</b>	<b>13.00</b>	<b>13.00</b>	<b>13.10</b>	<b>13.60</b>	<b>13.80</b>							

1/Calendar year average. 2/Preliminary. 3/Includes surplus diverted to manufacturing. 4/Revised.

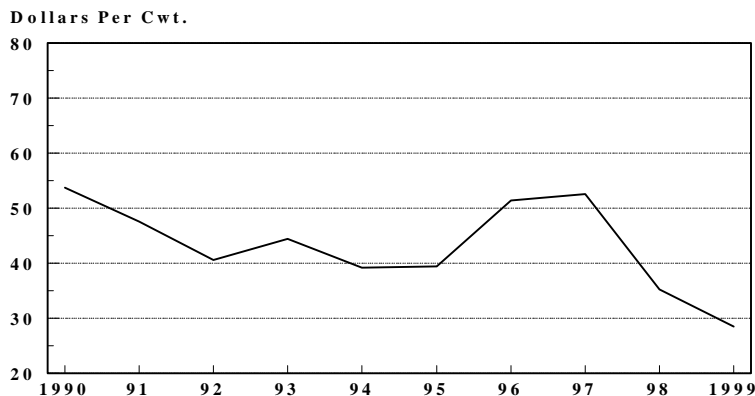
# PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1990 - 2000

Year	Dec <sup>1/</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Marketing Year Avg. <sup>1/</sup>
<b>BARROWS AND GILTS</b> (DOLLARS PER CWT.)													
1990	48.80	47.30	48.20	51.80	53.70	61.30	60.50	61.50	55.80	53.90	56.00	49.00	54.20
1991	46.70	48.60	50.40	49.70	49.10	53.00	54.30	53.80	50.50	45.80	42.20	38.00	48.10
1992	38.40	36.50	39.30	38.70	40.10	44.30	46.10	44.30	43.70	41.20	41.90	40.20	41.20
1993	41.50	41.30	44.00	46.50	45.00	46.00	47.00	45.00	46.00	48.00	46.50	42.00	44.80
1994	40.00	42.00	47.00	44.00	42.00	42.00	42.50	42.00	41.50	35.00	31.00	27.00	39.50
1995	31.00	37.00	38.50	37.50	35.00	36.00	42.00	46.00	49.00	47.00	45.00	40.50	39.80
1996	43.00	42.50	47.00	49.00	51.00	57.00	57.00	58.00	58.00	54.00	55.00	54.00	51.90
1997	55.00	53.00	52.00	49.00	54.00	58.00	57.00	60.00	56.00	53.00	48.00	46.00	53.00
1998	41.00	34.00	37.00	36.00	36.00	45.00	45.00	39.00	36.00	31.00	28.00	20.00	35.70
1999	18.00	25.00	26.00	25.00	28.00	34.00	33.00	29.00	35.00	31.00	32.00	32.00	28.80
<b>2000 <sup>2/</sup></b>	<b>34.00</b>	<b>35.00</b>	<b>38.00</b>	<b>40.00</b>	<b>46.00</b>	<b>46.00</b>	<b>46.00</b>						
<b>SOWS</b> (DOLLARS PER CWT.)													
1990	38.30	40.70	40.30	44.40	47.70	52.60	50.80	46.80	47.00	44.90	46.20	43.50	45.40
1991	38.30	39.90	41.80	44.80	46.50	44.90	43.60	41.00	39.60	37.10	35.60	28.70	40.20
1992	25.70	26.00	29.40	32.40	34.00	35.40	33.00	31.00	32.50	31.20	34.60	32.80	31.20
1993	31.80	31.00	34.50	39.00	39.00	39.00	38.00	35.00	35.00	36.00	36.00	35.00	35.70
1994	31.00	33.00	36.00	38.00	38.00	37.00	33.00	30.00	30.00	28.00	25.00	20.00	31.50
1995	20.00	25.00	30.00	32.00	30.00	29.00	29.00	29.00	35.00	36.00	38.00	32.00	30.00
1996	32.00	32.00	33.00	34.00	36.00	41.00	43.00	46.00	48.00	46.00	48.00	49.00	40.50
1997	47.00	45.00	46.00	45.00	45.00	47.00	46.00	45.00	43.00	40.00	38.00	36.00	43.30
1998	35.00	26.00	27.00	27.00	27.00	28.00	28.00	26.00	22.00	18.00	20.00	16.00	24.70 <sup>3/</sup>
1999	13.00	19.00	18.00	21.00	24.00	30.00	30.00	20.00	23.00	22.00	24.00	24.00	22.20
<b>2000 <sup>2/</sup></b>	<b>24.00</b>	<b>33.00</b>	<b>38.00</b>	<b>34.00</b>	<b>38.00</b>	<b>41.00</b>	<b>36.00</b>						
<b>HOGS <sup>4/</sup></b> (DOLLARS PER CWT.)													
1990	48.10	46.80	47.60	51.30	53.40	60.80	59.70	60.50	55.30	53.40	55.40	48.70	53.70
1991	46.40	48.00	50.00	49.30	48.80	52.50	53.50	53.00	49.60	45.30	41.80	37.50	47.60
1992	37.60	35.70	38.60	38.20	39.70	43.90	45.40	43.60	42.90	40.70	41.60	39.80	40.60
1993	41.10	40.90	43.60	46.20	44.80	45.70	46.60	44.60	45.60	47.50	46.10	41.70	44.40
1994	39.60	41.60	46.60	43.80	41.80	41.80	42.10	41.50	41.00	34.70	30.80	26.70	39.20
1995	30.60	36.50	38.20	37.30	34.80	35.70	41.50	45.30	48.40	46.60	44.70	40.20	39.40
1996	42.60	42.10	46.40	48.40	50.40	56.40	56.40	57.50	57.60	53.70	54.70	53.80	51.40
1997	54.70	52.70	51.80	48.80	53.60	57.60	56.60	59.40	55.50	52.50	47.60	45.60	52.60
1998	40.80	33.70	36.60	35.60	35.60	44.30	44.30	38.50	35.40	30.50	27.70	19.80	35.20
1999	17.80	24.80	25.70	24.80	27.80	33.80	32.90	28.60	34.50	30.60	31.70	31.70	28.50
<b>2000 <sup>2/</sup></b>	<b>33.60</b>	<b>34.90</b>	<b>38.00</b>	<b>39.80</b>	<b>45.70</b>	<b>45.80</b>	<b>45.60</b>						

<sup>1/</sup>Marketing year is December preceding year through November. Prices computed by weighting monthly prices by estimated percentage of sales made each month.

<sup>2/</sup>Preliminary. <sup>3/</sup>Revised. <sup>4/</sup>"Barrows and gilts" and "sows" combined.

## KENTUCKY HOG PRICES Marketing Year Average, 1990 - 1999



# PRICES RECEIVED BY KENTUCKY FARMERS RECORD HIGHS AND LOWS

Commodity	Price /Unit	Record High			Record Low			Records Begin in Year
		Year	Month	Price	Year	Month	Price	
Corn	\$/Bu.	1996	Jul.	5.12	1932	Dec.	0.27	1907
Wheat	\$/Bu.	1996	Apr.	6.13	1932	Jul.	0.44	1907
Soybeans	\$/Bu.	1973	Jun.	10.40	1932	Nov.	0.60	1913
All Hay	\$/Ton	<b>1999</b>	May	110.00	1933	Mar.	8.20	1916
Alfalfa Hay	\$/Ton	1988	Aug.	128.00	1939	Jul.	11.70	1939
All Other Hay	\$/Ton	1988	Jul.	86.00	1956	Sep.	15.50	1948
Tobacco <u>1</u> / Burley	¢/Lb.	1996	SA	192.2	1931	SA	8.6	1919
Eastern Dark Fired Type 22	¢/Lb.	<b>1999</b>	SA	231.2	1931	SA	5.5	1919
Western Dark Fired Type 23	¢/Lb.	<b>1999</b>	SA	226.0	1931	SA	3.9	1919
One Sucker Type 35	¢/Lb.	<b>1999</b>	SA	206.6	1931	SA	3.4	1919
Green River Type 36	¢/Lb.	1997	SA	203.4	1931	SA	3.3	1919
Beef Cattle	\$/Cwt.	1991	Apr.	76.10	1933	Dec.	3.05	1910
Beef Cows	\$/Cwt.	1979	May	55.10	1954	Dec.	8.30	1953
Steers & Heifers	\$/Cwt.	1991	May	86.10	1956	Jan.	15.30	1953
Calves	\$/Cwt.	1991	Apr.	105.00	1933	Jun.	4.20	1910
Milk Cows	\$/Head	<b>1999</b>	Oct.	1,290.00	1934	Jan.	22.00	1910
Milk Wholesale, All	\$/Cwt.	<b>1999</b>	Jan.	18.70	1932	Jun.	1.10	1909
Milk - Fluid Market	\$/Cwt.	<b>1999</b>	Jan.	18.80	1962	Jun.	3.60	1950
Milk - Mfg. Grade	\$/Cwt.	1998	Dec.	16.00	1954	Jun.	2.90	1950
Hogs	\$/Cwt.	1982	Aug.	63.50	1933	Dec.	3.15	1910
Eggs	¢/Doz.	1984	Jan.	87.2	1933	Jun.	7.7	1909

1/ SA = Season Average Price.

# MARKET YEAR AVERAGE PRICES RECEIVED BY KENTUCKY FARMERS, 1950 - 1999

Year	Burley Tobacco	Soybeans	Corn	Wheat	Beef Cattle	Calves	Hogs	All Milk	Eggs
	(¢/Lb)	(\$/Bu)	(\$/Bu)	(\$/Bu)	(\$/Cwt)	(\$/Cwt)	(\$/Cwt)	(\$/Cwt)	(¢/Doz)
1950	48.9	2.53	1.66	2.08	22.90	29.00	18.60	3.70	32.0
1955	59.4	2.15	1.30	1.95	14.20	20.00	16.00	3.74	34.3
1960	64.1	2.07	1.09	1.74	18.70	25.50	15.50	3.93	32.2
1961	66.7	2.24	1.15	1.74	18.60	25.60	17.00	3.91	33.1
1962	58.1	2.30	1.15	1.94	19.70	27.00	16.50	3.78	33.3
1963	59.9	2.51	1.18	1.82	19.20	26.80	15.10	3.85	34.1
1964	60.5	2.60	1.26	1.34	16.50	24.10	15.00	3.88	30.3
1965	69.2	2.48	1.25	1.33	18.50	25.20	19.70	3.96	31.8
1966	66.6	2.75	1.40	1.58	21.30	29.90	22.90	4.69	36.8
1967	72.0	2.45	1.16	1.38	21.50	31.10	19.40	4.87	29.8
1968	73.7	2.40	1.18	1.22	22.00	31.20	18.60	5.06	32.3
1969	69.8	2.32	1.30	1.22	24.60	33.30	22.00	5.18	38.2
1970	72.2	2.87	1.52	1.31	26.20	34.80	22.80	5.45	36.3
1971	81.2	2.96	1.13	1.47	27.40	36.90	17.80	5.62	30.0
1972	79.4	4.06	1.72	1.47	32.20	44.00	25.40	5.84	29.0
1973	93.2	5.64	2.65	3.28	43.00	57.00	38.60	6.84	50.6
1974	114.1	6.84	3.08	3.77	31.80	40.10	35.20	8.10	51.9
1975	106.7	4.87	2.57	2.96	27.40	27.00	47.20	8.25	49.1
1976	115.0	6.74	2.22	2.95	31.40	34.60	44.10	9.45	54.2
1977	121.8	6.18	2.19	2.10	31.60	37.00	39.10	9.45	50.6
1978	131.8	6.82	2.40	3.15	46.60	56.00	46.20	10.20	47.7
1979	145.8	6.42	2.72	4.00	65.10	83.00	41.50	11.80	55.0
1980	166.0	7.75	3.35	3.85	59.30	72.40	38.50	12.80	51.6
1981	181.0	6.33	2.57	3.45	51.00	57.70	44.50	13.60	58.8
1982	182.9	5.74	2.57	3.19	47.50	55.00	53.50	13.50	54.4
1983	175.8	7.79	3.54	3.35	46.20	55.40	47.60	13.50	54.6
1984	188.4	6.07	2.82	3.30	45.00	52.90	48.10	13.40	65.8
1985	159.9	5.26	2.37	2.90	46.40	57.30	44.80	12.80	51.7
1986	156.8	4.97	1.69	2.45	45.90	57.30	49.90	12.60	55.4
1987	157.2	5.93	2.02	2.50	55.20	73.90	51.70	12.90	50.3
1988	161.5	7.66	2.76	3.60	61.40	84.00	42.90	12.60	47.7
1989	167.4	5.91	2.54	3.64	66.40	85.30	42.40	13.60	64.1
1990	175.5	5.86	2.48	2.77	70.80	89.60	53.70	14.30	67.7
1991	178.9	5.78	2.58	2.51	71.00	93.00	47.60	12.50	73.5
1992	182.1	5.68	2.23	3.26	66.30	82.90	40.60	13.70	61.7
1993	182.5	6.55	2.58	2.83	71.10	87.80	44.40	13.40	68.0
1994	184.4	5.65	2.38	3.11	63.70	79.40	39.20	13.90	63.7
1995	185.7	7.01	3.27	3.84	53.30	63.70	39.40	13.50	65.4
1996	192.2	7.43	3.00	4.33	43.80	46.50	51.40	15.40	79.2
1997	188.6	6.76	2.62	3.24	59.20	72.20	52.60	13.70	74.4
1998 <u>1/</u>	190.3	5.15	2.17	2.26	59.00	74.90	35.20	15.50	72.5
<b>1999 <u>2/</u></b>	<b>190.0</b>	<b>4.95</b>	<b>2.15</b>	<b>2.15</b>	<b>59.30</b>	<b>80.20</b>	<b>28.50</b>	<b>15.40</b>	<b>78.5</b>

1/Revised. 2/Preliminary.

# VALUE ADDED TO THE KENTUCKY ECONOMY BY THE AGRICULTURAL SECTOR VIA THE PRODUCTION OF GOODS AND SERVICES, 1996 - 1999 <sup>1/</sup>

Item	1996 <sup>2/</sup>	1997 <sup>2/</sup>	1998 <sup>2/</sup>	1999
	(000 Dollars)			
Final crop output	1,869,588	1,735,442	1,540,901	1,091,687
Food grains	130,342	82,232	64,435	58,840
Feed crops	484,833	356,861	292,460	283,017
Cotton	0	0	0	0
Oil crops	295,333	307,860	237,263	144,498
Tobacco	812,739	730,380	924,086	737,048
Fruits and tree nuts	5,248	2,601	4,269	3,832
Vegetables	12,000	8,700	9,220	8,760
All other crops	67,351	76,086	70,799	61,704
Home consumption	6,280	6,279	6,278	6,419
Value of inventory adjustment <sup>3/</sup>	55,462	164,443	(67,909)	(212,431)
Final animal output	1,683,239	1,980,901	2,150,485	2,078,734
Meat animals	637,259	788,333	702,889	628,391
Dairy products	279,048	243,038	259,005	248,402
Poultry and eggs	190,862	255,587	415,009	448,086
Miscellaneous livestock	638,025	712,465	794,014	833,571
Home consumption	13,294	15,764	12,674	12,693
Value of inventory adjustment <sup>3/</sup>	(75,249)	(34,286)	(33,106)	(92,409)
Services and forestry	555,493	539,982	608,087	746,637
Machine hire and customwork	25,807	18,669	24,146	19,495
Forest products sold	168,850	168,780	163,780	171,780
Other farm income	78,554	65,179	106,123	248,163
Gross imputed rental value of farm dwellings	282,282	287,354	314,038	307,199
Final agricultural sector output	4,108,320	4,256,326	4,299,473	3,917,058
(less) Intermediate consumption outlays	1,617,704	1,752,755	1,960,224	1,933,649
Farm origin	481,389	565,479	643,917	580,915
Feed purchased	257,848	300,001	361,753	365,764
Livestock and poultry purchased	147,583	185,553	193,091	116,449
Seed purchased	75,958	79,925	89,073	98,702
Manufactured inputs	422,544	416,202	447,678	444,298
Fertilizers and lime	211,446	193,490	226,123	217,928
Pesticides	83,914	88,766	92,584	97,356
Petroleum fuel and oils	97,309	100,446	97,706	99,498
Electricity	29,875	33,500	31,265	29,516
Other intermediate expenses	713,771	771,074	868,629	908,436
Repair and maintenance of capital items	174,615	196,482	200,239	197,430
Machine hire and customwork	51,359	52,367	50,977	54,220
Marketing, storage, and transportation expenses	115,607	120,055	156,076	145,934
Contract labor	42,728	43,207	48,053	56,376
Miscellaneous expenses	329,462	358,963	413,284	454,476
(plus) Net government transactions	(21,557)	(13,869)	42,107	131,487
+ Direct Government payments	74,673	83,056	139,672	229,103
- Motor vehicle registration and licensing fees	9,963	9,849	11,194	9,840
- Property taxes	86,267	87,076	86,371	87,776
Gross value added	2,469,058	2,489,702	2,381,356	2,114,895
(less) Capital consumption	563,024	569,028	572,844	579,602
Net value added	1,906,034	1,920,674	1,808,512	1,535,293
(less) Factor payments	668,044	631,254	653,060	688,319
Employee compensation (total hired labor)	179,866	181,473	197,035	200,650
Net rent received by nonoperator landlords	255,493	206,879	209,110	235,736
Real estate and nonreal estate interest	232,685	242,902	246,915	251,933
Net farm income	1,237,990	1,289,420	1,155,451	846,974

<sup>1/</sup>Final sector output is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

<sup>2/</sup>Revised. <sup>3/</sup>A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

# KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1997 - 1999

COMMODITY	1997 <u>1/</u> CASH RECEIPTS (\$000)	1998 <u>1/</u> CASH RECEIPTS (\$000)	1999 <u>2/</u>		
			CASH RECEIPTS (\$000)	% OF TOTAL	% OF 1998
<b><u>LIVESTOCK PRODUCTS</u></b>	1,999,423	2,170,917	2,158,450	62.5	99
Cattle & Calves	644,633	613,585	550,699	15.9	90
Dairy Products	243,038	259,005	248,402	7.2	96
Hogs	142,486	89,304	77,692	2.2	87
Eggs	44,020	52,140	60,314	1.7	116
Broilers	184,149	332,906	363,266	10.5	109
Farm Chickens	248	1,272	1,325	--	104
Horses & Mules <u>3/</u>	710,000	790,000	830,000	24.0	105
Honey	266	210	186	--	89
Aquaculture	905	1,254	1,209	--	96
Other Livestock Products <u>4/</u>	29,678	31,241	25,357	0.7	81
<b><u>CROPS <u>5/</u></u></b>	1,564,720	1,602,532	1,297,699	37.5	81
Tobacco	730,380	924,086	737,048	21.3	80
Corn	290,267	244,760	234,748	6.8	96
Soybeans	307,711	237,228	144,472	4.2	61
Wheat	82,232	64,435	58,840	1.7	91
Barley	808	615	883	--	144
Hay	63,664	46,042	46,485	1.3	101
Sorghum Grain	2,122	1,043	901	--	86
Vegetables	8,700	9,220	8,760	0.3	95
Apples	1,512	2,745	2,053	0.1	75
Peaches	150	563	645	--	115
Other Fruits, Nuts & Berries	939	961	1,134	--	118
Floriculture	28,543	26,903	26,695	0.8	99
Nursery, Greenhouse & Sod	34,000	32,000	26,760	0.8	84
Other Crops <u>6/</u>	13,692	11,931	8,275	0.2	69
<b><u>ALL COMMODITIES</u></b>	3,564,143	3,773,449	3,456,149	100.0	92

-- Indicates less than .05%. Percent may not be accurate to .1 in last place because of method of machine computation.  
1/Revised. 2/Preliminary. 3/Includes stud fees. 4/Includes other poultry, sheep and all other livestock. 5/Forest products not included in farm cash receipts, but are included in net farm income. 6/Includes sunflowers, other seeds, other field crops and mushrooms.

## CASH RECEIPTS HIGHLIGHTS - 1999

Receipts from the sale of horses and broilers kept cash receipts above \$100 million for Fayette, Woodford, Bourbon, Jessamine and Graves counties during 1999. Sales of horses and stud fees accounted for most of the cash receipts for Fayette, Woodford, Bourbon and Jessamine counties while broilers were the largest source of cash receipts in Graves county. Thirteen other Kentucky counties showed cash receipts above \$50 million each for 1999.

Sales of horses and stud fees were the largest source of cash receipts for Kentucky during 1999 with \$830 million, up 5 percent from 1998. Tobacco was second with sales of \$737 million. Cattle and calf sales were third and generated \$551 million during 1999. Broiler sales were fourth with \$363 million.

Tobacco sales accounted for 57 percent of total crop receipts, with corn generating 18 percent and soybeans 11 percent of the 1999 crop receipts.

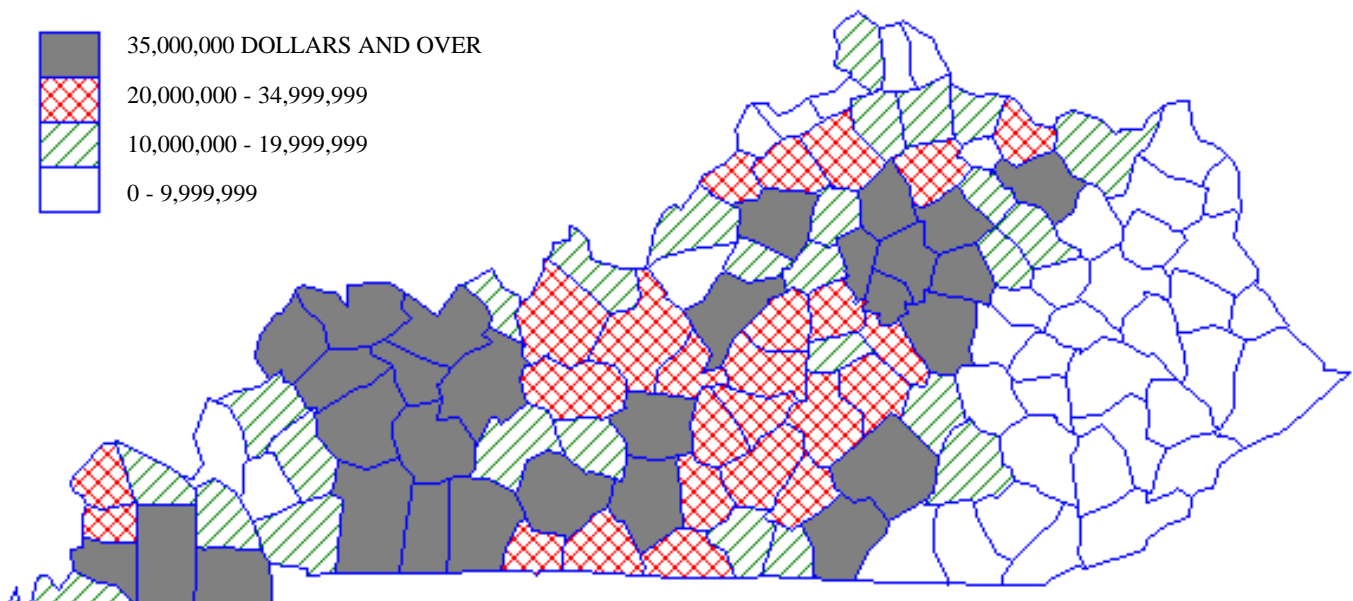
Sales of horses and stud fees were 38 percent of the total receipts from livestock and livestock products during 1999. Cattle and calf sales made up 26 percent of livestock receipts, with sales of broilers accounting for 17 percent of the livestock total.

### **Top Cash Receipt Counties by Commodity - 1999**

Tobacco - Barren  
Soybeans - Union  
Corn - Union  
Wheat - Logan  
All Hay - Pulaski

Horses - Fayette  
Cattle - Warren  
Dairy - Barren  
Broilers - Graves  
Hogs - Allen

## **TOTAL CASH RECEIPTS - 1999**



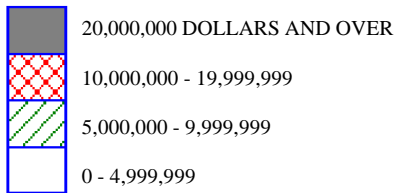
# CASH RECEIPTS FROM FARM MARKETINGS

## COUNTY ESTIMATES - 1999 <sup>1/</sup>

District and County	Total Crops Receipts	Total Livestock Receipts	All Cash Receipts	District and County	Total Crops Receipts	Total Livestock Receipts	All Cash Receipts
(Thousand Dollars)				(Thousand Dollars)			
Ballard	15,573	14,853	30,426	Anderson	5,617	5,615	11,232
Calloway	25,659	28,418	54,077	Bath	10,734	6,787	17,521
Carlisle	11,439	10,468	21,907	Bourbon	20,626	113,150	133,776
Fulton	14,129	2,671	16,800	Boyle	8,172	11,484	19,656
Graves	32,504	85,790	118,294	Clark	12,291	32,832	45,123
Hickman	15,720	35,228	50,948	Fayette	20,605	270,942	291,547
Livingston	2,864	6,658	9,522	Fleming	14,045	23,972	38,017
Lyon	3,729	2,153	5,882	Franklin	10,108	4,714	14,822
McCracken	9,188	7,032	16,220	Garrard	11,795	12,620	24,415
Marshall	6,306	11,562	17,868	Harrison	15,943	9,229	25,172
Trigg	14,224	5,742	19,966	Jessamine	11,176	117,843	129,019
<b>DISTRICT 1</b>	151,335	210,575	361,910	Lincoln	13,319	20,983	34,302
Caldwell	10,399	6,600	16,999	Madison	18,184	17,108	35,292
Christian	48,954	21,714	70,668	Mason	15,306	12,692	27,998
Crittenden	4,391	9,896	14,287	Mercer	12,216	15,615	27,831
Daviess	46,686	16,868	63,554	Montgomery	10,854	8,486	19,340
Hancock	7,023	3,457	10,480	Nicholas	8,130	5,654	13,784
Henderson	28,430	11,322	39,752	Robertson	3,506	2,038	5,544
Hopkins	12,989	40,564	53,553	Scott	19,651	78,670	98,321
Logan	40,261	18,160	58,421	Shelby	29,962	27,458	57,420
McLean	22,487	57,129	79,616	Spencer	9,073	6,817	15,890
Muhlenberg	8,043	39,673	47,716	Washington	13,680	16,101	29,781
Ohio	13,465	30,616	44,081	Woodford	15,618	215,781	231,399
Simpson	21,544	7,429	28,973	<b>DISTRICT 5</b>	310,611	1,036,591	1,347,202
Todd	32,157	36,389	68,546	Bell	113	141	254
Union	34,623	7,634	42,257	Boyd	470	1,825	2,295
Webster	17,013	53,013	70,026	Breathitt	2,402	406	2,808
<b>DISTRICT 2</b>	348,465	360,464	708,929	Carter	5,934	3,127	9,061
Adair	9,543	24,873	34,416	Clay	4,864	990	5,854
Allen	7,944	20,945	28,889	Elliott	3,943	1,196	5,139
Barren	26,456	41,597	68,053	Estill	3,106	1,632	4,738
Breckinridge	17,825	12,445	30,270	Floyd	241	152	393
Bullitt	3,725	3,740	7,465	Greenup	4,340	2,867	7,207
Butler	6,553	13,303	19,856	Harlan	99	92	191
Casey	12,242	14,200	26,442	Jackson	5,852	3,724	9,576
Clinton	4,721	7,928	12,649	Johnson	1,191	311	1,502
Cumberland	4,886	5,661	10,547	Knott	9	83	92
Edmonson	4,033	7,364	11,397	Knox	2,329	1,483	3,812
Grayson	10,046	20,758	30,804	Laurel	9,554	5,700	15,254
Green	12,369	13,186	25,555	Lawrence	1,558	709	2,267
Hardin	15,942	17,427	33,369	Lee	1,323	597	1,920
Hart	18,056	17,820	35,876	Leslie	71	32	103
Jefferson	9,213	5,463	14,676	Letcher	30	98	128
Larue	10,561	12,668	23,229	Lewis	8,858	4,831	13,689
Marion	13,823	20,047	33,870	McCreary	204	475	679
Meade	6,674	8,131	14,805	Magoffin	2,763	385	3,148
Metcalfe	11,040	13,595	24,635	Martin	15	53	68
Monroe	8,346	20,450	28,796	Menifee	2,500	933	3,433
Nelson	12,641	22,451	35,092	Morgan	7,051	2,374	9,425
Russell	7,700	15,392	23,092	Owsley	2,941	322	3,263
Taylor	11,749	13,486	25,235	Perry	203	236	439
Warren	21,351	37,142	58,493	Pike	111	137	248
<b>DISTRICT 3</b>	267,439	390,072	657,511	Powell	1,712	728	2,440
Boone	10,083	4,859	14,942	Pulaski	15,486	20,424	35,910
Bracken	12,119	4,560	16,679	Rockcastle	6,623	4,963	11,586
Campbell	2,552	3,353	5,905	Rowan	3,073	1,543	4,616
Carroll	6,741	2,108	8,849	Wayne	8,151	32,821	40,972
Gallatin	4,549	1,350	5,899	Whitley	1,718	1,840	3,558
Grant	10,460	4,453	14,913	Wolfe	3,766	710	4,476
Henry	19,240	10,372	29,612	<b>DISTRICT 6</b>	112,604	97,940	210,544
Kenton	3,169	2,483	5,652	<b>KENTUCKY</b>	1,297,699	2,158,450	3,456,149
Oldham	6,948	16,175	23,123	<div><b>TOP PRODUCING COUNTIES</b> (000 Dollars) Fayette 291,547 Woodford 231,399 Bourbon 133,776 Jessamine 129,019 Graves 118,294</div>			
Owen	14,189	6,102	20,291				
Pendleton	9,552	4,794	14,346				
Trimble	7,643	2,199	9,842				
<b>DISTRICT 4</b>	107,245	62,808	170,053				

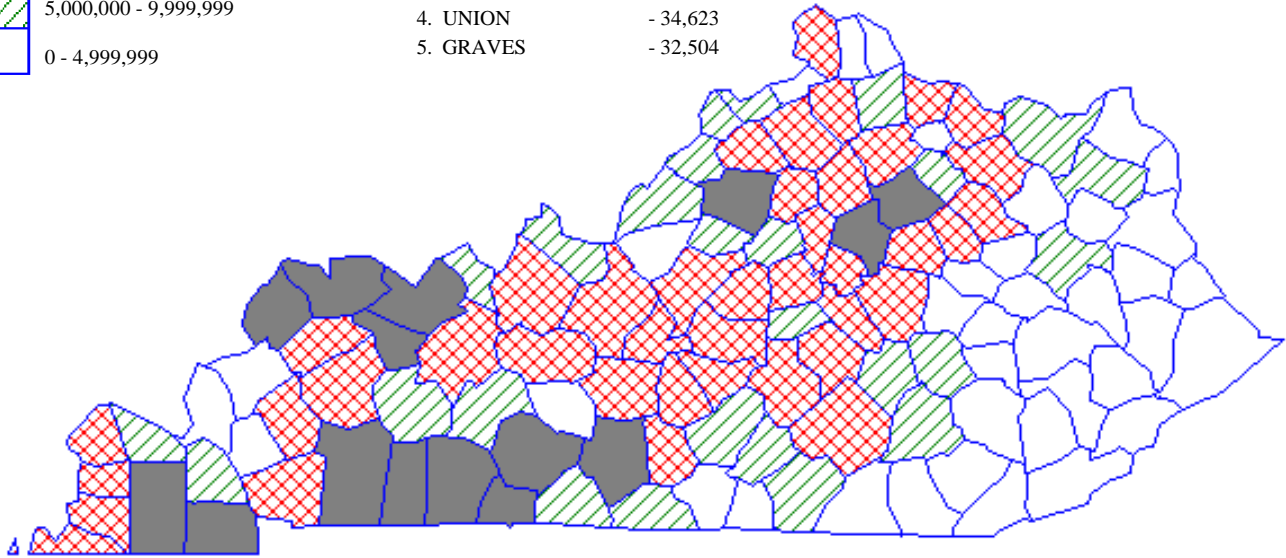
<sup>1/</sup>Preliminary.

# CROP CASH RECEIPTS - 1999

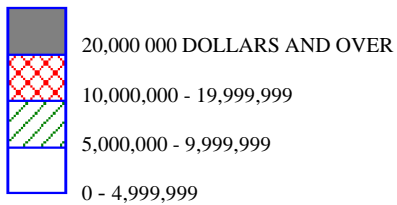


## TOP FIVE COUNTIES (000 DOLLARS)

1. CHRISTIAN	- 48,954
2. DAVIESS	- 46,686
3. LOGAN	- 40,261
4. UNION	- 34,623
5. GRAVES	- 32,504

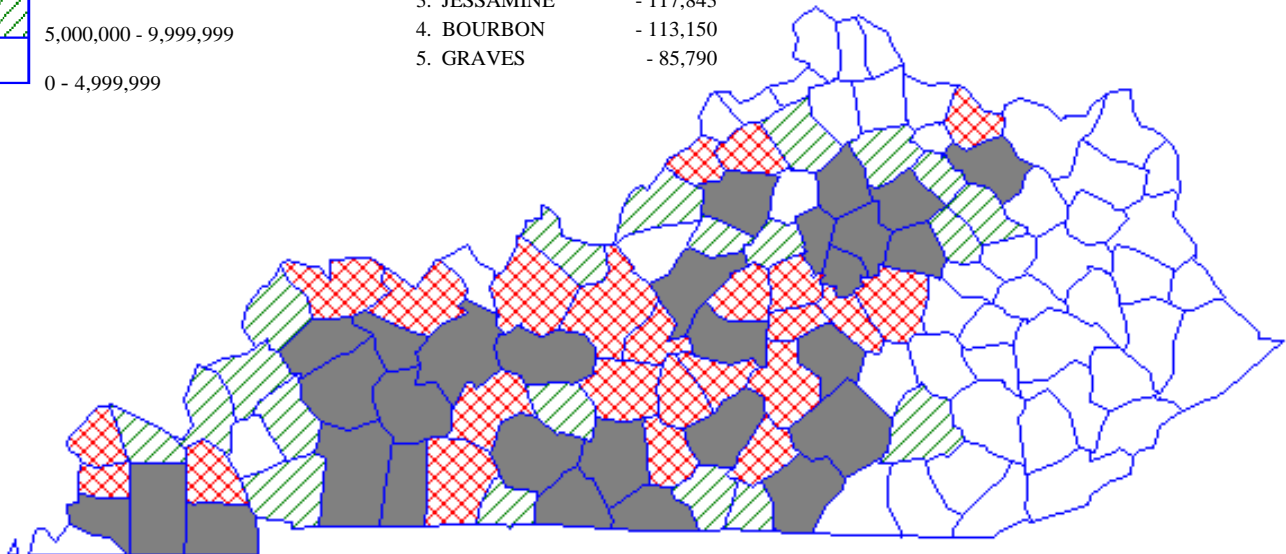


# LIVESTOCK CASH RECEIPTS - 1999



## TOP FIVE COUNTIES (000 DOLLARS)

1. FAYETTE	- 270,942
2. WOODFORD	- 215,781
3. JESSAMINE	- 117,843
4. BOURBON	- 113,150
5. GRAVES	- 85,790

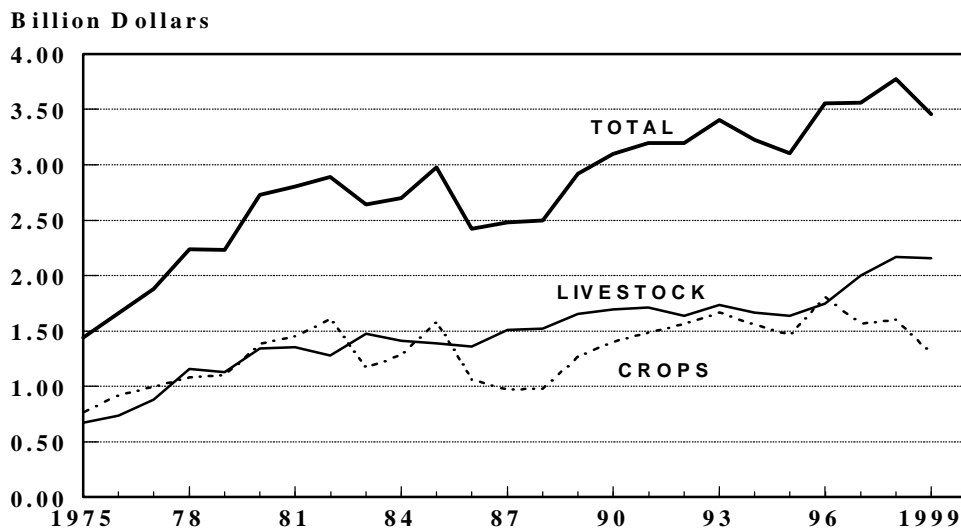


## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1975 - 1999

Year	Livestock	Crops	All Commodities
(1,000 Dollars)			
1975	673,841	765,564	1,439,405
1976	736,283	921,814	1,658,097
1977	879,782	999,363	1,879,145
1978	1,157,483	1,080,917	2,238,400
1979	1,129,815	1,100,202	2,230,017
1980	1,345,084	1,383,834	2,728,918
1981	1,352,584	1,451,982	2,804,566
1982	1,281,395	1,611,049	2,892,444
1983	1,475,139	1,169,700	2,644,839
1984	1,414,480	1,285,862	2,700,342
1985	1,391,649	1,583,825	2,975,474
1986	1,361,875	1,060,210	2,422,085
1987	1,507,453	971,346	2,478,799
1988	1,520,318	979,135	2,499,453
1989	1,652,154	1,269,623	2,921,777
1990	1,694,257	1,404,393	3,098,650
1991	1,711,058	1,485,024	3,196,082
1992 <u>1/</u>	1,635,692	1,562,135	3,197,827
1993 <u>1/</u>	1,736,120	1,668,566	3,404,686
1994 <u>1/</u>	1,667,270	1,556,907	3,224,177
1995 <u>1/</u>	1,637,957	1,465,477	3,103,434
1996 <u>1/</u>	1,745,194	1,807,846	3,553,040
1997 <u>1/</u>	1,999,423	1,564,720	3,564,143
1998 <u>1/</u>	2,170,917	1,602,532	3,773,449
1999 <u>2/</u>	2,158,450	1,297,699	3,456,149

1/Revised. 2/Preliminary.

## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1975 - 1999



# FARM PRODUCTION EXPENDITURES - 1998 AND 1999

EXPENDITURE - FARM SHARE	APPALACHIAN REGION <u>1/</u>					UNITED STATES <u>2/</u>				
	Average		Total Expenditures			Average		Total Expenditures		
	per Farm <u>3/</u>				'99 %	per Farm <u>3/</u>				'99 %
	1998	1999	1998	1999	of '98	1998	1999	1998	1999	of '99
	Dollars		Million Dollars		(%)	Dollars		Million Dollars		(%)
Total Farm Production Expenditures <u>4/ 5/</u>	45,663	45,636	14,110	14,170	100	83,810	84,209	183,150	184,250	101
Livestock, Poultry & Related Expenses <u>6/</u>	4,337	4,992	1,340	1,550	116	6,635	7,678	14,500	16,800	116
Feed	10,324	9,758	3,190	3,030	95	11,440	11,197	25,000	24,500	98
Farm Services <u>7/</u>	5,696	5,539	1,760	1,720	98	11,440	11,746	25,000	25,700	103
Rent <u>8/</u>	2,605	2,576	805	800	99	7,917	7,267	17,300	15,900	92
Agricultural Chemicals <u>9/</u>	1,570	1,643	485	510	105	4,118	3,931	9,000	8,600	96
Fertilizer, Lime & Soil Conditioners <u>9/</u>	2,638	2,512	815	780	96	4,851	4,525	10,600	9,900	93
Interest	2,039	2,077	630	645	102	4,942	4,890	10,800	10,700	99
Taxes (Real Estate & Property)	1,149	1,143	355	355	100	3,112	3,108	6,800	6,800	100
Labor	3,754	3,929	1,160	1,220	105	8,694	9,004	19,000	19,700	104
Fuels	1,369	1,385	423	430	102	2,471	2,514	5,400	5,500	102
Farm Supplies & Repairs	2,654	2,738	820	850	104	5,583	5,759	12,200	12,600	103
Farm Improvements & Construction <u>11/</u>	1,812	1,804	560	560	100	2,952	3,245	6,450	7,100	110
Tractors & Self-Propelled Farm Machinery	1,987	1,723	614	535	87	2,746	2,468	6,000	5,400	90
Other Farm Machinery	1,036	1,063	320	330	103	1,624	1,600	3,550	3,500	99
Seeds & Plants <u>12/</u>	1,197	1,288	370	400	108	3,295	3,291	7,200	7,200	100
Trucks & Autos	1,424	1,353	440	420	95	1,830	1,782	4,000	3,900	98

1/Appalachian: KY, NC, TN, VA, WV. 2/Excludes AK and HI. 3/Total expenditures divided by total number of farms. 4/Total includes production costs not allocated to any of the 16 expense categories published. 5/Includes landlord and contractor share of farm production expenses. 6/Includes purchases and leasing of livestock and poultry. 7/Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. 8/Includes public and private grazing fees. 9/Includes material and application costs. 10/Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment and capital equipment for livestock and poultry. 11/Includes all expenditures related to new construction or repairs of buildings and fences and any improvements to physical structures of land. 12/Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

# CORN PRODUCTION

## COSTS AND RETURNS 1997 - 1998

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	1997	1998	1997	1998	1997	1998
Gross value of production	Dollars Per Planted Acre					
(excluding direct Government payments):						
Primary product: Corn grain	327.60	259.76	340.00	275.04	277.44	241.68
Secondary product: Corn silage	3.77	3.12	1.73	1.33	0.00	0.00
Total, gross value of production	\$331.37	\$262.88	\$341.73	\$276.37	\$277.44	\$241.68
Operating costs:						
Seed	28.71	30.02	29.39	31.07	22.07	22.93
Fertilizer, lime, and gypsum	46.21	41.44	49.27	44.36	57.40	51.85
Soil conditioners	0.16	0.16	0.10	0.10	1.62	1.66
Manure	0.56	0.51	0.41	0.39	0.51	0.48
Chemicals	26.87	27.36	27.97	28.69	30.31	31.63
Custom operations <sup>1/</sup>	11.30	11.29	10.58	10.70	6.37	6.43
Fuel, lube, and electricity	24.55	22.96	22.16	20.76	17.56	16.27
Repairs	16.17	16.65	14.64	15.14	14.51	15.44
Other variable cash expenses <sup>2/</sup>	0.32	0.31	0.00	0.00	0.00	0.00
Interest on operating capital	3.96	3.61	3.95	3.62	3.85	3.52
Total, operating costs	\$158.81	\$154.31	\$158.47	\$154.83	\$154.20	\$150.21
Allocated overhead:						
Hired labor	3.07	3.19	2.17	2.27	2.59	2.75
Opportunity cost of unpaid labor	29.89	30.63	29.29	30.14	55.19	57.54
Capital recovery of machinery and	64.50	66.46	61.52	63.67	66.13	70.40
Opportunity cost of land (rental rate)	84.81	86.35	95.40	97.17	47.73	43.55
Taxes and insurance	7.00	7.05	6.32	6.38	6.71	6.79
General farm overhead	12.21	11.47	12.22	11.49	11.95	11.29
Total, allocated overhead	\$201.48	\$205.15	\$206.92	\$211.12	\$190.30	\$192.32
Total, costs listed	\$360.29	\$359.46	\$365.39	\$365.95	\$344.50	\$342.53
Value of production less total costs listed	-28.92	-96.58	-23.66	-89.58	-67.06	-100.85
Value of production less operating costs	172.56	108.57	183.26	121.54	123.24	91.47
Supporting information:						
Yield (bushels per planted acre)	130	136	136	144	102	114
Price (dollars per bushel at harvest)	2.52	1.91	2.50	1.91	2.72	2.12
Enterprise size (planted acres) <sup>3/</sup>	189	189	223	223	42	42
Production practices: <sup>3/</sup>						
Irrigated (percent)	15	15	6	9	0	0
Dryland (percent)	85	85	94	94	100	100

The costs and returns estimates for some commodities will appear different this year than in the past. For corn, soybeans, cotton, grain sorghum, peanuts, and cow-calf enterprises, Economic Research Service is revising its accounting methodology to conform with the new stands recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. For these same commodities, ERS is publishing regional estimates using new resource regions. Western Kentucky is considered Heartland while eastern Kentucky is included in Eastern Uplands. <sup>1/</sup>Cost of custom operations, technical services and commercial drying. <sup>2/</sup>Cost of purchased irrigation water. <sup>3/</sup>For 1997 survey base year only.

# SOYBEAN PRODUCTION

## COSTS AND RETURNS 1997 - 1998

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	1997	1998	1997	1998	1997	1998
Gross value of production	Dollars Per Planted Acre					
Primary product: Soybeans	281.22	223.17	292.05	237.36	248.76	175.36
Total, gross value of production	\$281.22	\$223.17	\$292.05	\$237.36	\$248.76	\$175.36
Operating costs:						
Seed	19.72	20.46	19.59	19.77	20.83	21.32
Fertilizer	8.00	8.00	7.20	7.23	20.01	19.88
Soil conditioners	0.10	0.10	0.09	0.08	0.43	0.45
Manure	0.86	0.80	1.00	0.91	0.16	0.15
Chemicals	26.37	26.65	26.85	27.31	24.75	25.64
Custom operations	5.85	5.84	5.94	5.93	3.66	3.63
Fuel, lube, and electricity	7.14	5.97	6.42	5.35	5.73	4.25
Repairs	9.40	9.59	8.64	8.91	7.75	7.88
Purchased irrigation water	0.05	0.05	0.00	0.00	0.00	0.00
Interest on operating capital	1.98	1.86	1.94	1.81	2.13	1.99
Total, operating costs	\$79.47	\$79.32	\$77.67	\$77.30	\$85.45	\$85.19
Allocated overhead:						
Hired labor	1.94	1.98	1.25	1.29	1.97	2.08
Opportunity cost of unpaid labor	17.63	18.11	17.31	17.73	29.99	30.91
Capital recovery of machinery and equipment	49.61	50.66	46.56	47.99	47.08	47.90
Opportunity cost of land (rental rate)	76.74	77.66	86.67	87.96	40.37	29.71
Taxes and insurance	6.76	6.89	6.84	6.97	5.65	5.75
General farm overhead	13.68	12.94	14.22	13.40	10.60	10.00
Total, allocated overhead	\$166.36	\$168.24	\$172.85	\$175.34	\$135.66	\$126.35
Total, costs listed	\$245.83	\$247.56	\$250.52	\$252.64	\$221.11	\$211.54
Value of production less total costs listed	35.39	-24.39	41.53	-15.28	27.65	-36.18
Value of production less operating costs	201.75	143.85	214.38	160.06	163.31	90.17
Supporting information:						
Yield (bushels per planted acre)	43	43	45	46	36	32
Price (dollars per bushel at harvest)	6.54	5.19	6.49	5.16	6.91	5.48
Enterprise size (planted acres) <u>1</u> /	220	220	225	225	130	130
Production practices: <u>1</u> /						
Irrigated (percent)	5	5	2	2	0	0
Dryland (percent)	95	95	98	98	100	100

The costs and returns estimates for some commodities will appear different this year than in the past. For corn, soybeans, cotton, grain sorghum, peanuts, and cow-calf enterprises, Economic Research Service is revising its accounting methodology to conform with the new stands recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. For these same commodities, ERS is publishing regional estimates using new resource regions. Western Kentucky is considered Heartland while eastern Kentucky is included in Eastern Uplands. 1/For 1997 survey base year only.

# COW - CALF PRODUCTION

## COSTS AND RETURNS 1997 - 1998

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	1997	1998	1997	1998	1997	1998
Gross value of production:	Dollars Per Bred Cow					
Steer calves	130.39	129.55	151.85	150.19	114.97	114.48
Heifer calves	80.91	80.48	102.34	101.54	91.58	91.74
Yearling steers	92.70	87.67	33.80	31.64	48.42	47.17
Yearling heifers	39.36	37.35	10.45	9.82	21.52	20.89
Other cattle	70.91	67.93	64.18	60.95	58.27	57.52
Total, gross value of production	\$414.27	\$402.98	\$362.62	\$354.14	\$334.76	\$331.80
Operating costs:						
Feeder cattle	38.45	36.49	67.77	63.52	10.99	11.07
Feed:						
Concentrates and other feed	29.17	26.95	30.95	26.36	26.95	23.83
Supplemental feed	19.19	15.06	41.40	33.03	14.84	11.89
Harvested forages	114.71	99.11	323.91	258.50	80.46	85.14
Cropland pasture	13.25	13.23	13.20	14.80	4.02	4.09
Private pasture	114.17	99.09	68.10	69.94	69.10	66.99
Public land	2.52	1.99	0.34	0.35	0.40	0.37
Total, feed costs	\$293.01	\$255.43	\$477.90	\$402.98	\$195.77	\$192.31
Other:						
Veterinary and medicine	21.64	22.04	37.36	39.30	15.18	15.46
Bedding and litter	0.37	0.37	1.17	1.20	0.53	0.52
Marketing	5.80	5.86	4.10	4.29	6.62	6.66
Custom operations	30.48	31.02	39.03	41.01	25.42	26.22
Fuel, lube, and electricity	19.13	19.14	16.17	16.18	15.66	15.66
Repairs	24.87	25.34	28.27	29.66	24.30	24.91
Interest on operating inputs	10.98	10.28	16.97	15.83	7.62	7.16
Total, operating costs	\$444.73	\$405.97	\$688.74	\$613.97	\$302.09	\$299.97
Allocated overhead:						
Hired labor	2.98	3.12	0.46	0.48	2.74	2.84
Opportunity cost of unpaid labor	223.82	229.58	183.33	188.27	140.04	144.12
Capital recovery of machinery and equipment	127.02	122.54	257.18	254.55	167.02	166.29
Opportunity cost of land	2.23	2.26	5.01	5.10	2.26	2.10
Taxes and insurance	31.13	32.92	41.37	43.53	30.38	32.07
General farm overhead	63.41	60.00	87.80	82.69	56.89	53.23
Total, allocated overhead	\$450.59	\$450.42	\$575.15	\$574.62	\$399.33	\$400.65
Total cost listed	\$895.32	\$856.39	\$1,263.89	\$1,188.59	\$701.42	\$700.62
Value of production less total costs listed	-481.05	-453.41	-901.27	-834.45	-366.66	-368.82
Value of production less operating costs	-30.46	-2.99	-326.12	-259.83	32.67	31.83

The costs and returns estimates for some commodities will appear different this year than in the past. For corn, soybeans, cotton, grain sorghum, peanuts, and cow-calf enterprises, Economic Research Service is revising its accounting methodology to conform with the new stands recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. For these same commodities, ERS is publishing regional estimates using new resource regions. Western Kentucky is considered Heartland while eastern Kentucky is included in Eastern Uplands.

# HOG PRODUCTION COSTS AND RETURNS 1998

ITEM	UNITED STATES	HEARTLAND	EASTERN UPLANDS
Gross value of production		Dollars Per Cwt. Gain <u>1/</u>	
Market hogs	33.30	33.79	27.94
Feeder pigs	7.22	5.78	11.33
Cull stock	1.03	0.97	1.93
Breeding stock	0.70	0.36	3.13
Inventory change	0.24	-0.13	-1.86
Other income <u>2/</u>	1.39	1.55	1.17
Total, gross value of production	\$43.88	\$42.32	\$43.64
Operating costs:			
Feed			
Grain	6.25	7.85	5.64
Protein sources	5.15	6.74	2.79
Complete mixes	10.56	8.33	12.66
Other feed items <u>3/</u>	0.21	0.25	0.82
Total, feed costs	\$22.17	\$23.17	\$21.91
Other			
Feeder pigs	8.36	7.16	5.59
Veterinary and medicine	1.05	1.15	1.17
Bedding and litter	0.03	0.04	0.03
Marketing	0.95	0.61	1.49
Custom services	0.36	0.28	0.14
Fuel, lube, and electricity	1.05	1.14	1.49
Repairs	0.78	0.89	1.01
Other operating costs <u>4/</u>	0.03	0.03	0.07
Interest on operating capital	0.83	0.83	0.79
Total, operating costs	\$35.61	\$35.30	\$33.69
Allocated overhead:			
Hired labor	2.07	2.11	2.28
Opportunity cost of unpaid labor	5.51	6.37	9.47
Capital recovery of machinery and	10.32	10.74	12.75
Opportunity cost of land (rental rate)	0.06	0.07	0.10
Taxes and insurance	0.46	0.49	0.77
General farm overhead	0.95	1.00	1.07
Total, allocated overhead	\$19.37	\$20.78	\$26.44
Total, costs listed	\$54.98	\$56.08	\$60.13
Value of production less total costs listed	-11.10	-13.76	-16.49
Value of production less operating costs	8.27	7.02	9.95
Supporting information:			
Production arrangement (percent of farms)			
Independent	60	73	42
Under contract	40	27	58
Size of operation (head sold/removed)			
Market hogs	1,540	1,373	797
Feeder pigs	1,049	726	1,302

The costs and returns estimates for some commodities will appear different this year than in the past. For corn, soybeans, cotton, grain sorghum, peanuts, and cow-calf enterprises, Economic Research Service is revising its accounting methodology to conform with the new stands recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. For these same commodities, ERS is publishing regional estimates using new resource regions. Western Kentucky is considered Heartland while eastern Kentucky is included in Eastern Uplands. 1/Cwt gain = (cwt sold - cwt purchased) + cwt inventory change. 2/Value of manure production. 3/Milk replacer, milk, milk by-products, antibiotics, and other medicated additives. 4/Costs for odor control and fees, permits, licenses, and other regulatory costs.

# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 1998 - 2000

Commodity and Unit	1998	1999	2000
	(Dollars)		
<b>FEED:</b>			
Chick Starter, per ton	268.00	242.00	249.00
Broiler Grower, per ton	257.00	242.00	226.00
Laying Feed, complete ration, per ton	224.00	208.00	206.00
Mixed Dairy Feed, per ton, 14% protein	186.00	167.00	170.00
Mixed Dairy Feed, per ton, 16% protein	194.00	180.00	175.00
Mixed Dairy Feed, per ton, 18% protein	206.00	181.00	179.00
Mixed Dairy Feed, per ton, 20% protein	207.00	186.00	183.00
Dairy Concentrate, per ton, 32% protein	302.00	272.00	287.00
Mixed Hog Feed, per ton			
14 - 18% protein	227.00	200.00	203.00
Hog Concentrate, per ton			
38 - 42% protein	317.00	280.00	297.00
Beef Cattle Concentrate, per ton			
32 - 36% protein	292.00	258.00	261.00
Alfalfa Meal, per cwt.	13.80	12.80	12.50
Alfalfa Pellets, per cwt.	13.60	12.80	12.40
Bran, per cwt.	13.80	13.40	13.20
Corn Meal, per cwt.	8.57	7.54	7.67
Soybean Meal, per cwt., 44% protein	14.30	12.20	13.00
Cottonseed Meal, per cwt., 41% protein	16.00	14.60	14.90
Molasses, per cwt. (liquid)	11.90	12.00	12.00
Stock Salt, per 50 lbs.	3.91	3.99	4.01
Trace Mineral Blocks, per 50 lbs.	4.98	4.98	5.02
<b>FUEL:</b>			
Gasoline, per gal., including taxes			
Service Station (unleaded)	1.06	1.10	1.47
Bulk Delivery (unleaded)	1.09	1.13	1.48
Diesel Fuel, per gal., Bulk Delivery	0.740	0.728	1.080
L.P. Gas (propane, butane, etc.), per gal.,			
Bulk Delivery	0.764	0.699	0.963
<b>FIELD SEEDS:</b>			
Corn Seed, Hybrid, per 80,000 kernels	86.90	88.10	87.50
Grain Sorghum Seed, Hybrid, per cwt.	96.00	97.60	93.00
Soybean Seed, per bu.	17.15	17.00	17.10
Wheat Seed, Winter, per bu.	8.25	7.35	7.05

# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 1998 - 2000

Commodity and Unit	1998	1999	2000
		(Dollars)	
<b>FARM MACHINERY:</b>			
Baler, Pick-Up, PTO			
Square, automatic tie, conventional			
size bales under 200 lbs.	15,200.00	15,400.00	16,100.00
Round, manual release, 1200-1500 lbs.	17,300.00	17,700.00	17,300.00
Chisel Plow, maximum 1 ft. tillage, chisel			
or sweep type, drawn or mounted 16-20 ft.	11,700.00	12,300.00	13,400.00
Combine, self-propelled with grain head,			
Large capacity	140,000.00	142,000.00	146,000.00
Corn Head for Combine, 6 row	22,400.00	22,600.00	23,400.00
Cultivator, row crop, front or rear mounted			
6 row	5,900.00	5,670.00	5,860.00
12 row, flexible	13,500.00	13,300.00	13,400.00
Disk Harrow, tandem, with transport wheels			
and hydraulic lift, with tires, 15-17 ft.	12,200.00	12,700.00	13,500.00
18-20 ft.	16,600.00	17,300.00	17,400.00
Feed Grinder-Mixer, trailer mounted,			
PTO operated	12,900.00	12,900.00	13,600.00
Field Cultivator, mounted or drawn, 17-19 ft.	9,670.00	9,920.00	10,300.00
20-25 ft., flexible	13,500.00	13,800.00	14,400.00
Forage Harvester, PTO, shear bar type,			
with pick-up attachment	24,200.00	25,500.00	28,200.00
Grain Drill, most common spacing			
plain, 15-17 openers	10,600.00	10,500.00	11,200.00
press, 23-25 openers	16,300.00	15,600.00	17,500.00
with fertilizer attachment, 20-24 openers	12,700.00	13,400.00	15,200.00
Min/no-till, w/fert. attach., 15 ft.	26,200.00	26,000.00	26,300.00
Hayrake, Side Delivery or Wheel Rake			
Traction Drive, 8-12 ft. working width	4,410.00	4,250.00	4,670.00
Hay Tedder, 15-18 ft.	4,130.00	4,230.00	4,480.00
Mower-Conditioner, PTO, pull type, with			
8-10 ft. sickle (cutter) bar or disc	12,600.00	12,700.00	13,200.00
Mower, mounted or drawn,			
7-8 ft. sickle (cutter) bar	4,220.00	4,370.00	4,360.00
Planter, row crop, with fertilizer attachment			
4 row	14,200.00	14,500.00	15,300.00
8 row	25,700.00	26,000.00	26,900.00
12 row, conservation for no-till conditions	44,300.00	46,600.00	46,400.00
Rotary Hoe, 20-25 ft.	5,940.00	6,320.00	6,280.00
Rotary Cutter, 7-8 ft.	2,810.00	2,980.00	2,970.00

# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 1998 - 2000

Commodity and Unit	1998	1999	2000
(Dollars)			
<b>FARM MACHINERY (Cont.):</b>			
Sprayer, Field Crop, power, (excl. self-propelled and orchard) boom type, Tractor Mounted, w/300 gal. spray tank	4,350.00	4,940.00	5,260.00
Trailer Type, w/500-700 gal. spray tank	9,950.00	10,600.00	11,100.00
Tractor, 2-Wheel Driv			
30 - 39 PTO horsepower	15,300.00	15,400.00	16,400.00
50 - 59 PTO horsepower	21,800.00	21,900.00	21,800.00
70 - 89 PTO horsepower	32,800.00	32,300.00	33,700.00
110 - 129 PTO horsepower	59,500.00	60,100.00	62,400.00
140 - 159 PTO horsepower	77,100.00	79,000.00	81,700.00
Tractor, 4-Wheel Drive, Articulated			
200 - 280 PTO horsepower	116,000.00	116,000.00	120,000.00
Windrower, Self-Propelled, 14-16 ft.	54,500.00	56,400.00	61,600.00
<b>FERTILIZERS:</b>			
Commercial Fertilizer, per ton			
5-10-15	167.00	170.00	164.00
5-20-20	190.00	193.00	182.00
6-12-12	156.00	164.00	159.00
10-10-10	172.00	171.00	171.00
18-46-0 (DAP)	264.00	264.00	240.00
Ammonium Nitrate, per ton	193.00	181.00	194.00
Anhydrous Ammonia, per ton	253.00	211.00	227.00
Limestone, Spread, per ton	18.50	18.10	18.90
Muriate of Potash, 60% K <sub>2</sub> O, per ton	163.00	168.00	165.00
Nitrate of Soda, per ton	266.00	265.00	260.00
Nitrogen Solutions, per ton			
28% N	133.00	122.00	125.00
32% N	148.00	133.00	137.00
Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> , per ton	253.00	255.00	233.00
Urea 44-46%, per ton	195.00	176.00	200.00
<b>FUNGICIDES:</b>			
Metalaxyl (Ridomil), 2#/Gal EC, per gal.	180.00	187.00	178.00
Rubigan (Fenarimol), 1#/Gal EC, per gal.	314.00	321.00	310.00
Sulfur 95% WP, per lb.	0.31	0.31	0.31
Methyl Bromide (Terr-o-gas 98), per lb.	3.17	3.09	3.51

# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 1998 - 2000

Commodity and Unit <u>1/</u>	1998	1999	2000
	(Dollars)		
<b>HERBICIDES:</b>			
2, 4-D, 4#/Gal EC, per gal.	14.90	14.90	14.70
Alachlor (Lasso), 4#/Gal EC, per gal.	25.70	24.90	24.50
Atrazine (Aatrex), 4#/Gal L, per gal.	13.70	13.70	13.60
Bentazon (Basagran), 4#/Gal EC, per gal.	78.60	78.70	79.40
Butylate (Sutan), 6.7#/Gal EC, per gal.	21.10	21.50	21.20
Cyanazine (Bladex), 4#/Gal EC, per gal.	31.60	32.30	33.10
DCPA (Dacthal), 75% WP, per lb.	12.10	12.60	13.20
Glyphosate (Roundup), 4#/Gal EC, per gal.	56.30	45.50	43.30
Gramoxone Extra (Paraquat), 2.5#/Gal EC, per gal.	39.00	34.80	34.30
Metolachlor (Dual), 8#/Gal EC, per gal.	72.60	77.70	82.60
Napropamide (Devrinol), 50% WP, per lb.	9.21	9.26	9.61
Pendimethalin (Prowl), 3.3#/Gal EC, per gal.	29.60	28.70	23.60
Simazine (Princep), 4#/Gal EC, per gal.	18.50	18.20	18.20
Trifluralin (Treflan), 4#/Gal EC, per gal.	29.90	29.20	25.50
<b>INSECTICIDES:</b>			
Acephate (Orthene), 75% S, per lb.	12.50	12.60	12.70
Azinphos-Methyl, (Guthion) 50% WP, per lb.	8.97	9.20	9.68
Bt 2x (Dipel), WP, per lb.	12.10	12.10	12.40
Carbaryl, (Sevin), 80% WP, per lb.	4.96	5.14	5.44
Chlorpyrifos (Lorsban), 4#/Gal EC, per gal.	51.00	51.00	43.60
Diazinon 4#/Gal EC, per gal.	34.90	35.70	36.20
Dicrotophos (Bidrin), 8#/Gal EC, per gal.	86.80	88.80	88.50
Fonofos (Dyfonate), 20% G, per lb.	2.03	2.13	2.16
Malathion, 5#/Gal EC, per gal.	25.00	25.10	26.20
Methomyl (Lannate) L, 1.81 #/Gal Liq., per gal.	46.70	48.30	49.30
Methyl Parathion, 4#/Gal EC, per gal.	29.40	29.80	31.10
Oil, per gal.	5.32	5.15	5.22
Synthetic Pyrethroids, (Pounce 2-Ambush) 3.2 #/Gal EC, per gal.	162.00	148.00	141.00
Terbufos (Counter), 15% G, per lb.	2.56	2.65	2.71

<sup>1/</sup>Formulation abbreviations: EC - Emulsifiable Concentrate, DF - Dry Flowable, DG - Dry Granular, G - Granular, L - Liquid, S - Solution, SP - Soluble Powder, and WP - Wettable Powder.

# FARM NUMBERS HIGHLIGHTS

The number of farms in Kentucky in 1999 totaled 91,000. This number was up 1,000 farms from 1998. The increase in number of farms can be attributed to an increase in the number of small farms. A farm is defined as any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. Government payments are included in sales. Institutional farms, experimental and research farms, and Indian Reservations are included as farms. Places with their entire acreage enrolled in the Conservation Reserve Program, set aside, or other government programs are considered operating farms.

Kentucky ranks fourth tying Tennessee in number of farms. Ranking ahead of Kentucky in farm numbers were Texas with 227,000, Missouri with 110,000 and Iowa with 96,000. Of Kentucky's 91,000 farms, 52,000 had sales of \$1,000-\$9,999, 33,000 had sales of \$10,000-\$99,999 and 6,000 had sales of \$100,000 and over.

Land in farms was estimated at 13.6 million acres, down 200,000 acres from the 1998 estimate. Metropolitan expansion

continues to take farmland out of agricultural production. Farmland in Kentucky accounted for 54 percent of the approximate 25.4 million total acres in the State. The average size of a farm in Kentucky for 1999 was 149 acres, down from 1998's 153 acres.

The number of farms in the United States in 1999 was estimated at 2.19 million, up fractionally from 1998. The increase in farm numbers can be attributed to the continued rise in the number of small farms. Total land in farms, at 947.3 million acres, was down 0.7 percent or 6.2 million acres from last year. The decline in land in farms continues the historical trend of less land in farms. The average farm size decreased 3 acres from 1998 to 432 acres.

The U.S. number of farms in the \$1,000-\$9,999 economic sales class increased 15,690 to 1,196,640 in 1999. Those with sales in the \$10,000-\$99,999 economic sales class decreased 3,760 farms from 1998 to 648,550 farms. The \$100,000 and over sales class dropped 9,220 farms from 1998 to 348,880 in 1999. The drop in this class is attributed to low commodities prices during 1999.

## NUMBER OF FARMS AND LAND IN FARMS KENTUCKY AND U.S., 1970 - 1999

YEAR	KENTUCKY			UNITED STATES		
	FARMS	LAND IN FARMS		FARMS	LAND IN FARMS	
		AVERAGE	TOTAL		AVERAGE	TOTAL
	(000)	(Acres)	(000 Acres)	(000)	(Acres)	(000 Acres)
1970	127	128	16,300	2,949	374	1,102,371
1975 <u>1/</u>	107	138	14,800	2,521	420	1,059,420
1980	102	143	14,600	2,440	426	1,038,885
1981	103	142	14,600	2,440	424	1,034,190
1982	103	141	14,500	2,407	427	1,027,795
1983	103	141	14,500	2,379	430	1,023,425
1984	101	144	14,500	2,334	436	1,017,803
1985	100	145	14,500	2,293	441	1,012,073
1986	99	146	14,500	2,250	447	1,005,333
1987	99	145	14,400	2,213	451	998,923
1988	97	147	14,300	2,201	452	994,423
1989	95	149	14,200	2,175	456	990,723
1990	93	152	14,100	2,146	460	986,850
1991	91	155	14,100	2,117	464	981,736
1992	91	155	14,100	2,108	464	978,503
1993 <u>2/</u>	95	148	14,100	2,202	440	968,845
1994	94	150	14,100	2,198	440	965,935
1995 <u>3/</u>	93	151	14,000	2,196	438	962,515
1996	92	152	14,000	2,191	438	958,675
1997	91	153	13,900	2,191	436	956,010
1998 <u>4/</u>	90	153	13,800	2,191	435	953,500
<b>1999</b>	<b>91</b>	<b>149</b>	<b>13,600</b>	<b>2,194</b>	<b>432</b>	<b>947,340</b>

1/New definition of farm, initiated in 1975; a farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products during the year. 2/Reference period changed from June 1 to all operations qualifying as a farm during the year to resolve a definitional difference between the Census of Agriculture and USDA's annual farm count. 3/Farm definition changed in 1995 to include farms with 5 horses or more even if they don't qualify under the \$1,000 or more of sales rule; boarding stables and race tracks are excluded. 4/Revised.

# NUMBER OF FARMS BY CLASS GROSS VALUE OF SALES, U.S. & SELECTED STATES

STATE	1997		1998 <u>1/</u>		1999 <u>2/</u>	
	\$1,000-\$9,999	\$10,000+	\$1,000-\$9,999	\$10,000+	\$1,000-\$9,999	\$10,000+
<b>KENTUCKY</b>	<b>53,000</b>	<b>38,000</b>	<b>51,000</b>	<b>39,000</b>	<b>52,000</b>	<b>39,000</b>
Illinois	27,700	51,300	27,700	51,300	28,500	50,500
Indiana	31,500	34,500	31,000	35,000	30,200	34,800
Iowa	27,500	70,500	26,500	70,500	28,000	68,000
Missouri	62,700	47,300	62,700	47,300	63,100	46,900
Ohio	40,600	38,400	41,500	38,500	43,000	37,000
Tennessee	69,000	22,000	69,000	22,000	69,000	22,000
Texas	154,000	71,000	153,000	73,000	155,000	72,000
Virginia	32,000	17,000	32,000	17,000	34,000	16,000
<b>United States</b>	<b>1,191,050</b>	<b>999,460</b>	<b>1,180,950</b>	<b>1,010,410</b>	<b>1,196,640</b>	<b>997,430</b>

1/Revised. 2/Preliminary.

## NUMBER OF LIVESTOCK FARMS KENTUCKY, 1979 - 1999

YEAR	OPERATIONS WITH CATTLE	OPERATIONS WITH BEEF COWS <u>1/</u>	OPERATIONS WITH MILK COWS <u>1/</u>	OPERATIONS WITH HOGS	OPERATIONS WITH SHEEP
1979	66,000	NA	13,000	31,000	600
1980	65,000	NA	11,000	29,000	700
1981	64,000	NA	10,000	25,000	800
1982	64,000	NA	9,500	20,000	800
1983	66,000	NA	9,500	21,000	900
1984	65,000	NA	9,000	20,000	900
1985	62,000	NA	8,500	15,000	900
1986	61,000	47,000	7,500	13,000	1,000
1987	60,000	47,000	7,200	10,000	1,100
1988	59,000	47,000	7,100	10,000	1,200
1989	59,000	47,000	7,000	9,000	1,200
1990	57,000	46,000	6,500	6,500	1,100
1991	55,000	45,000	5,500	6,000	1,100
1992	53,000	44,000	5,000	6,000	1,000
1993	53,000	44,000	4,600	5,800	1,000
1994	53,000	44,000	4,300	4,500	1,000
1995	54,000	45,000	4,000	3,800	900
1996	54,000	45,000	3,800	2,500	850
1997	52,000	44,000	3,600	2,100	800
1998	50,000	42,000	3,400	1,700	800
<b>1999 <u>2/</u></b>	<b>48,000</b>	<b>41,000</b>	<b>3,200</b>	<b>1,400</b>	<b><u>3/</u></b>

1/Also included with cattle farms. 2/Preliminary. 3/Kentucky no longer publishes Sheep Estimates after January 1, 1999. NA - Not Available.

# FARM REAL ESTATE

## AVERAGE VALUE OF FARMLAND AND BUILDINGS

DOLLARS PER ACRE, JAN. 1, 1990 - 2000 <sup>1/</sup>

State	1990	1994	1995	1996	1997	1998	1999	2000
Illinois	1,405	1,670	1,820	1,900	1,980	2,130	2,250	2,220
Indiana	1,254	1,500	1,620	1,740	1,870	2,060	2,220	2,210
<b>KENTUCKY</b>	<b>978</b>	<b>1,140</b>	<b>1,250</b>	<b>1,300</b>	<b>1,350</b>	<b>1,450</b>	<b>1,530</b>	<b>1,590</b>
Missouri	701	825	880	950	1,010	1,070	1,130	1,190
Ohio	1,273	1,560	1,750	1,820	1,890	2,040	2,220	2,250
Tennessee	1,067	1,250	1,340	1,530	1,650	1,810	1,950	2,100
Virginia	1,665	1,590	1,720	1,840	1,880	1,920	2,040	2,130
W. Virginia	664	869	920	980	1,050	1,090	1,070	1,060
48 STATES	683	798	844	887	926	974	1,020	1,050

## CROPLAND RENTED FOR CASH

AVERAGE GROSS CASH RENT, DOLLARS PER ACRE, 1990 - 2000 <sup>1/</sup>

State	1990	1994	1995 <sup>2/</sup>	1996	1997	1998	1999	2000
Illinois	99.40	99.50	99.70	106.00	109.00	111.00	111.00	117.00
Indiana	86.60	83.40	88.40	94.80	97.30	98.00	99.00	100.00
<b>KENTUCKY</b>	<b>47.50</b>	<b>49.10</b>	<b>52.80</b>	<b>64.00</b>	<b>70.00</b>	<b>65.00</b>	<b>70.00</b>	<b>78.00</b>
Missouri	61.90	55.10	51.10	50.00	56.00	57.00	59.00	60.00
Ohio	69.10	64.50	67.10	70.80	72.50	73.20	73.70	74.00
Tennessee	46.00	46.70	43.00	48.30	56.50	57.00	62.00	60.00
Virginia	37.70	35.80	35.70	36.00	36.50	35.00	35.70	36.50
W. Virginia	29.70	31.00	30.00	32.00	32.00	29.00	28.00	26.00
48 STATES	-	-	-	-	-	66.50	67.50	70.00

## PASTURE RENTED FOR CASH

AVERAGE GROSS CASH RENT, DOLLARS PER ACRE, 1990 - 2000

State	1990	1994	1995 <sup>2/</sup>	1996	1997	1998	1999	2000
Illinois	33.20	31.00	27.65	29.40	31.00	32.00	31.00	33.00
Indiana	35.30	32.90	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
<b>KENTUCKY</b>	<b>24.90</b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>
Missouri	24.10	18.50	16.40	20.00	19.00	18.00	18.50	20.00
Ohio	28.80	25.50	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
Tennessee	26.90	15.20	14.30	13.50	16.00	18.00	16.40	18.00
Virginia	22.40	14.80	14.00	15.00	16.00	15.50	15.50	16.00
W. Virginia	11.50	17.00	14.00	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
48 STATES	-	-	-	-	-	8.80	8.90	8.50

<sup>1/</sup>Some State totals revised 1994 - 1999. <sup>2/</sup>Change in survey procedures. <sup>3/</sup>Insufficient information.

# KENTUCKY FERTILIZER SALES, 1998 - 1999 <sup>1/</sup>

GRADE	1998				1999				99 as % of 98
	Bag	Bulk	Liquid	Total	Bag	Bulk	Liquid	Total	
		(Tons)				(Tons)			
1-16-34	0	563	0	563	-	-	-	-	-
3-10-30	307	0	305	612	-	-	-	-	-
3-18-18	0	24	660	684	0	11	662	674	99
4-16-4	1,259	42	0	1,302	717	14	0	732	56
5-10-15	14,079	3,593	0	17,672	10,007	2,962	0	12,969	73
5-20-20	1,594	1,951	0	3,545	1,035	784	0	1,820	51
6-12-12	589	4	0	593	-	-	-	-	-
6-12-18	318	1,345	0	1,663	195	1,116	0	1,311	79
6-15-40	0	792	0	792	-	-	-	-	-
6-24-24	862	98	0	961	963	27	0	990	103
6-26-26	67	555	0	623	11	577	0	588	94
8-10-15	193	314	0	507	-	-	-	-	-
9-18-27	1,480	2,633	0	4,114	1,071	2,467	0	3,538	86
9-18-31	44	938	0	982	0	567	0	567	58
9-23-30	61	1,350	0	1,411	30	793	0	824	58
10-10-10	14,635	1,171	49	15,856	13,641	919	38	14,598	92
10-10-15	202	699	0	902	160	1,124	0	1,285	142
10-20-10	204	9	317	532	-	-	-	-	-
10-20-20	1,531	99	5	1,636	1,553	61	0	1,615	99
11-37-0	-	-	-	-	0	503	84	588	-
12-12-12	1,591	31	0	1,622	1,419	61	0	1,481	91
12-24-24	245	344	0	589	152	353	0	506	86
13-0-46	-	-	-	-	1	610	0	611	-
14-0-46	-	-	-	-	0	534	0	534	-
15-0-14	1,426	13	0	1,439	541	104	0	646	45
15-10-15	82	664	0	747	95	1,073	0	1,168	156
15-15-15	2,427	1,136	0	3,564	1,968	912	0	2,881	81
15-30-15	1,722	0	7	1,730	927	83	0	1,010	58
16-27-14	1,042	0	0	1,042	884	0	0	884	85
17-2-5	0	0	1,797	1,797	259	23	354	637	35
17-17-17	347	1,688	0	2,036	279	1,620	0	1,899	93
18-18-18	71	506	0	577	28	721	0	749	130
19-19-19	12,057	10,985	23	23,066	10,799	13,192	0	23,992	104
20-10-10	559	178	5	743	478	383	0	861	116
22-3-14	-	-	-	-	687	0	0	687	-
22-4-11	-	-	-	-	692	0	0	692	-
22-10-15	3	594	0	598	12	879	0	891	149
22-20-0	-	-	-	-	530	27	0	558	-
27-13-13	-	-	-	-	17	514	0	532	-
28-3-3	2,910	0	0	2,910	4,277	0	0	4,277	147
28-3-4	1,410	0	0	1,410	1,083	0	0	1,083	77
29-3-4	1,522	3	0	1,525	1,605	0	0	1,605	105
30-3-4	-	-	-	-	770	0	0	770	-
30-10-0	558	0	0	558	-	-	-	-	-
30-10-10	285	454	0	740	170	508	0	678	92
33-8-0-0	-	-	-	-	0	593	0	593	-
82-0-0 (Anh Amm)	0	0	56,320	56,320	0	0	61,722	61,722	110
34-0-0 (Amm Nit)	35,190	72,677	0	107,867	27,041	61,088	0	88,130	82
21-0-0 (Amm Sul)	53	1,773	0	1,827	-	-	-	-	-
28-0-0 (N Soln)	0	0	52,981	52,981	0	0	47,117	47,117	89
30-0-0 (N Soln)	0	0	16,515	16,515	0	0	14,089	14,089	85
32-0-0 (N Soln)	0	0	48,877	48,877	0	906	47,766	48,672	100
16-0-0 (Sod Nit)	1,132	369	0	1,501	528	0	0	528	35
46-0-0 (Urea)	1,844	108,385	0	110,230	1,830	108,900	0	110,731	100
18-46-0 (DAP)	811	182,317	0	183,129	1,279	156,732	0	158,012	86
10-50-0	-	-	-	-	0	981	0	981	-
11-52-0 (MAP)	10	6,614	0	6,624	1	11,590	0	11,591	175
10-34-0	0	0	6,518	6,518	0	0	6,056	6,056	93
0-46-0 (TSP)	267	15,071	0	15,338	120	11,408	0	11,529	75
0-0-60 (MP)	427	160,672	0	161,100	647	159,845	0	160,492	100
0-0-62 (MP)	9	1,890	0	1,899	32	2,464	0	2,496	131
0-0-22 (SPM)	65	3,828	0	3,893	30	1,925	0	1,956	50
0-0-50 (Sul Pot)	651	43,357	0	44,008	438	36,078	0	36,517	83
Miscellaneous <sup>2/</sup>	10,976	24,597	660	36,235	10,011	31,691	333	42,038	116
Under 500 Tons	17,162	12,041	2,210	31,414	13,532	14,020	2,272	29,825	95
TOTAL <sup>3/</sup>	134,299	666,391	187,257	987,948	112,570	631,768	180,498	924,837	94

<sup>1/</sup>Data collected by Division of Regulatory Services, University of Kentucky. Fertilizer sales are based on tonnage reports from manufacturers. (-)Included in Under 500 Tons. <sup>2/</sup>Includes minor nutrients, filler when reported separately & other fertilizers of unspecified composition. <sup>3/</sup>Excludes lime. Totals may not add due to rounding.

### CORN: AGRICULTURAL CHEMICAL APPLICATIONS, KENTUCKY, 1999 1/

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 Lbs
Herbicides:					
2, 4-D	3	1.0	0.49	0.49	21
Acetochlor	38	1.0	1.36	1.36	678
Atrazine	87	1.0	1.54	1.57	1,806
Glyphosate	14	1.2	0.74	0.91	166
Metolachlor	29	1.0	1.43	1.43	537
Nicosulfuron	5	1.0	0.03	0.03	2
Paraquat	17	1.0	0.50	0.50	112
Primisulfuron	13	1.0	0.02	0.02	3
Prosulfuron	11	1.0	0.007	0.007	1
Simazine	7	1.0	1.22	1.22	109
Insecticides:					
Lambda-cyhalothrin	45	1.0	0.02	0.02	9
Permethrin	4	1.0	0.07	0.07	4

1/Planted acres in 1999 for Kentucky were 1.32 million acres.

### SOYBEANS: AGRICULTURAL CHEMICAL APPLICATIONS, KENTUCKY, 1999 1/

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 Lbs
Herbicides:					
Chlorimuron-ethyl	9	1.6	0.01	0.02	3
Fenoxaprop	15	1.0	0.18	0.18	31
Fluazifop-P-butyl	15	1.0	0.06	0.06	11
Fomesafen	7	1.0	0.33	0.33	29
Glyphosate	78	1.1	0.75	0.84	784
Imazaquin	6	1.0	0.08	0.08	5
Imazethapyr	9	1.0	0.06	0.06	6
Paraquat	6	1.0	0.25	0.25	17
Pendimethalin	7	1.0	0.74	0.74	60
Sulfosate	3	1.0	0.64	0.64	21
Thifensulfuron	7	1.0	0.002	0.002	*

1/Planted acres in 1999 for Kentucky were 1.20 million acres. \*Total applied is less than 1,000 lbs.

### CORN: FERTILIZER USE BY STATE, 1999 PERCENT OF ACRES TREATED AND TOTAL AMOUNT APPLIED

State	Planted Acreage	Percent of Acres Treated and Total Applied					
		Nitrogen		Phosphate		Potash	
	(000 Acres)	%	Mil. Lbs	%	Mil. Lbs	%	Mil.
Colorado	1,230	98	165.6	65	30.3	16	3.4
Illinois	10,800	98	1,639.8	80	603.2	81	1,003.0
Indiana	5,800	99	881.8	92	299.1	88	593.3
Iowa	12,100	98	1,502.8	75	604.9	75	734.7
Kansas	3,150	99	443.3	70	86.2	22	20.5
<b>Kentucky</b>	<b>1,320</b>	<b>100</b>	<b>234.9</b>	<b>81</b>	<b>66.6</b>	<b>50</b>	<b>64.5</b>
Michigan	2,200	100	277.9	92	91.9	91	174.4
Minnesota	7,100	92	702.9	90	299.6	86	312.9
Missouri	2,650	100	422.3	84	136.1	84	169.4
Nebraska	8,600	99	1,115.2	75	232.8	18	22.1
North Carolina	750	99	83.2	82	36.3	88	66.3
Ohio	3,450	100	527.0	97	236.1	94	324.2
South Dakota	3,600	98	334.6	88	136.2	49	42.5
Texas	1,950	100	304.5	80	74.5	40	22.4
Wisconsin	3,600	98	305.1	82	104.2	91	177.8
<b>TOTAL</b>	<b>68,300</b>	<b>98</b>	<b>8,940.9</b>	<b>82</b>	<b>3,038.0</b>	<b>67</b>	<b>3,731.4</b>

# **KENTUCKY FARMS WITH IRRIGATION - 1998**

Irrigation was used on 953 Kentucky farms in 1998 with 25,454 acres of crops and pasture irrigated. Fewer than 50 acres were irrigated on over 90 percent of the farms having irrigation. The average amount of water applied on the irrigated acres was .8 acre foot per acre resulting in a total of 20,032 acre feet of water applied on the 25,454 acres. Ninety percent of the farms utilized sprinklers to apply the water. Drip and gravity irrigation were also utilized. The primary source of irrigation water was from on-farm sources such as ponds, streams, and springs. Tobacco was the major crop irrigated in Kentucky with 11,746 irrigated acres.

Corn and soybean acres irrigated totaled approximately 6,000 acres for each crop.

Irrigated farms in the United States for 1998 totaled 182,101. These farms reported irrigating 50,028,439 acres. Approximately 12,000 farms in the United States irrigated 1,000 or more acres accounting for more than 23,000,000 acres irrigated. The primary sources of water for farms irrigating in the United States were wells and off-farm water suppliers such as irrigation districts, cooperatives, and community water systems.

## **FARMS BY IRRIGATED ACRES - 1998**

ACRES IRRIGATED	KENTUCKY		UNITED STATES	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
1 - 9	508	2,460	38,255	159,239
10 - 49	359	7,029	44,846	1,133,713
50 - 99	48	2,981	17,950	1,257,718
100 - 199	15	D	24,314	3,353,676
200 - 499	14	4,365	27,492	8,757,757
500 - 999	8	5,419	17,246	11,973,745
1,000 or more	1	D	11,998	23,392,591
<b>TOTAL</b>	<b>953</b>	<b>25,454</b>	<b>182,101</b>	<b>50,028,439</b>

D - Withheld to avoid disclosing data for individual farms.

## **IRRIGATED FARMS BY SOURCE OF WATER - 1998**

SOURCE OF WATER	KENTUCKY		UNITED STATES	
	FARMS	ACRES IRRIGATED <sup>1/</sup>	FARMS	ACRES IRRIGATED <sup>1/</sup>
Wells	59	11,005	83,729	29,790,719
On-Farm Surface	864	14,032	36,876	6,838,429
Off-Farm Suppliers	46	526	83,382	15,072,977

<sup>1/</sup>/Acres irrigated may not sum to total due to water from more than one source applied to the same acres.

## **SELECTED KENTUCKY CROPS IRRIGATED - 1998**

CROP	ACRES IRRIGATED
Tobacco	11,746
Corn	6,122
Soybeans	5,906
Vegetables	495
Alfalfa	225
Potatoes	156
Orchards	55
Berries	31

# FARM EMPLOYMENT AND WAGE RATES

## APRIL 1999 - APRIL 2000

FARM EMPLOYMENT	APPALACHIAN II <sup>1/</sup>					UNITED STATES <sup>2/</sup>				
	Apr. 1999	July 1999	Oct. 1999	Jan. 2000	Apr. 2000	Apr. 1999	July 1999	Oct. 1999	Jan. 2000	Apr. 2000
	(1,000)					(1,000)				
Hired Workers:	29	40	31	21	21	867	1,155	989	685	830
Expected to be Employed:										
150 days or more	18	21	14	10	12	670	760	665	540	628
149 days or less	11	19	17	11	9	197	395	324	145	202
Agricultural Services:										
Workers Working on Farms	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	160	319	290	172	217
Hired Farm & Service Workers	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	1,027	1,474	1,279	857	1,047
Hours Worked:	(Hours Per Week)					(Hours Per Week)				
Hired Workers	32.0	33.9	32.7	30.6	34.4	39.5	40.5	42.5	38.4	40.4
Wage Rates:	(Dollars Per Hour)					(Dollars Per Hour)				
For All Hired Workers <sup>4/ 5/</sup>	6.72	6.89	6.94	6.76	7.09	7.83	7.58	7.83	8.10	8.12
Type of Worker:										
Field and Livestock Combined	6.39	6.37	6.43	6.44	6.70	7.27	7.08	7.33	7.37	7.58
Field	6.17	6.25	6.01	6.22	6.51	7.23	7.05	7.31	7.25	7.58
Livestock	6.63	6.57	7.14	6.93	6.90	7.39	7.22	7.43	7.61	7.56

<sup>1/</sup>Appalachian II includes Kentucky, Tennessee and West Virginia. <sup>2/</sup>Excludes Alaska. <sup>3/</sup>Insufficient data for this category. <sup>4/</sup>Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates. <sup>5/</sup>Excludes Agricultural Service Workers.

## HIRED WORKERS: ANNUAL AVERAGE WAGE RATES

### SELECTED STATES, 1998 - 1999 <sup>1/ 2/</sup>

STATE	ALL HIRED		FIELD		FIELD & LIVESTOCK	
	1998	1999	1998	1999	1998	1999
Dollars Per Hour						
Illinois	8.03	8.25	7.62	7.95	7.57	7.73
Indiana	8.37	8.67	7.21	7.56	7.69	7.73
<b>Kentucky</b>	<b>6.58</b>	<b>7.12</b>	<b>6.11</b>	<b>5.97</b>	<b>6.26</b>	<b>6.49</b>
Missouri	6.71	7.33	6.42	6.86	6.39	7.07
Ohio	7.56	7.82	7.37	7.53	7.33	7.51
Tennessee	6.52	6.46	6.51	6.01	6.30	6.17
Virginia	6.94	7.88	6.37	7.42	6.55	7.51
West Virginia	6.60	7.14	6.25	6.81	6.28	6.75

<sup>1/</sup>Excludes Agricultural Service Workers. <sup>2/</sup>Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States, Regions, and the U.S. is based on data collected from the January, April, July, and October quarterly surveys.

# KENTUCKY FLOWERS & FOLIAGE PLANTS - 1999

The 1999 equivalent wholesale value of all sales of Kentucky flower and foliage growers totaled \$26.7 million, down less than 1 percent from the revised 1998 value. The equivalent wholesale value of crops is the value as reported by growers with \$100,000 or more plus a calculated value for growers below \$100,000. Kentucky ranked 31st of 36 states that conducted a floriculture survey.

Data for Kentucky potted plants, bedding/garden plants (including hanging baskets), foliage for indoor or patio use and cut flowers represent growers with \$100,000 or more in sales. These operations produced \$21.6 million of flowers and foliage sales in 1999. The wholesale value

of potted flowered plants was 4.50 million. The wholesale value of bedding/garden plants was \$15.3 million, foliage for indoor or patio use was \$1.40 million and cut flowers was \$430,000.

The number of Kentucky floriculture growers with sales of \$10,000 or more totaled 178, down 11 from the revised 1998 number of growers. Total greenhouse cover for the State was 4.99 million square feet, down 3 percent from 1998. Film plastic (single/multiple-layer) made up 73 percent with fiberglass and other rigid plastic making up 19 percent and glass 8 percent. Shade and temporary cover totaled 95,000 square feet and open ground was 77 acres.

## POTTED FLOWERS, BEDDING/GARDEN PLANTS, FOLIAGE PLANTS AND CUT FLOWERS PRODUCED BY KENTUCKY GROWERS WITH SALES OVER \$100,000 - 1999

Item	Number of Producers	Units	Total Sales		% of Sales at Wholesale	Wholesale Price			Value of all Sales at Wholesale
			1999	Intended 2000		Less than 5 inch	5 inch or more	Comb. Sizes	
			(1,000 Units)			(Dollars)			(1,000 dollars)
<b><u>POTTED FLOWERING PLANTS:</u></b>									
African Violets <u>1/</u>	-	Pots	-	-	-	-	-	-	-
Florist Chrysanthemums <u>2/</u>	14	Pots	282	283	99	-	-	2.70	761
Cyclamens	11	Pots	16	15	99	2.18	6.03		77
Finished Florist Azaleas <u>2/</u>	11	Pots	16	16	91	-	-	8.47	136
Kalanchoes	6	Pots	4	5	93	1.74	4.03		14
Easter Lilies	18	Pots	71	67	94	-	4.26		302
Poinsettias	37	Pots	706	709	80	1.80	4.02		2,745
Other Flowering Plants	18	Pots	88	83	89	2.23	5.48		437
<b><u>BEDDING/GARDEN PLANTS:</u></b>									
Hardy/Garden Chrysanthemums	38	Pots	515	516	81	.76	1.98		917
Geraniums (Cuttings)	52	Pots	712	747	77	1.33	2.60		1,195
Geraniums (Seed) <u>2/</u>	16	Pots	486	484	95	-	-	.95	462
Impatiens	12	Pots	49	49	72	1.00	1.82		79
New Guinea Impatiens	44	Pots	272	274	76	1.45	2.04		452
Petunias <u>2/</u>	22	Pots	230	234	86	-	-	.83	191
Other Flowering and Foliage	40	Pots	1,161	1,216	73	1.13	4.07		2,776
Vegetable Type	22	Pots	376	395	67	.87	1.46		351
						<b>Wholesale Price</b>			
Geraniums	15	Flats	19	19	56	10.07			191
Impatiens	50	Flats	153	155	69	6.72			1,028
New Guinea Impatiens	8	Flats	5	5	32	12.44			62
Petunias	52	Flats	111	114	61	7.01			778
Other Flowering & Foliage	52	Flats	563	570	84	6.91			3,890
Vegetable Type	39	Flats	108	98	60	6.63			716
<b><u>HANGING PLANTS:</u></b>									
Geranium, Hanging	41	Baskets	34	35	70	6.60			224
Impatiens, Hanging	37	Baskets	47	48	87	6.03			283
New Guinea Impatiens, Hanging	41	Baskets	59	60	85	6.72			396
Petunias, Hanging	38	Baskets	30	32	79	6.01			180
Other Flowering, Hanging	51	Baskets	168	173	79	6.82			1,146
<b><u>FOLIAGE PLANTS FOR INDOOR OR PATIO USE:</u></b>									
Potted Foliage	13	Pots	-	-	65	-			278
Foliage, Hanging	29	Baskets	201	203	90	5.57			1,120
<b><u>CUT FLOWERS:</u></b>									
Chrysanthemums, Standard <u>1/</u>	-	Blooms	-	-	-	-			-
Chrysanthemums, Pompon <u>1/</u>	-	Bunches	-	-	-	-			-
Other Cut Flowers	5	-	-	-	100	-			384

### TOTAL WHOLESALE VALUE:

26,695 <sup>3/</sup>

<sup>1/</sup>Not published to avoid disclosure of individual operations. <sup>2/</sup>Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

<sup>3/</sup>Equivalent wholesale value of all sales (operations under \$100,000 in sales estimated).

# AGRICULTURAL EXPORTS

Agricultural exports from Kentucky during Fiscal Year 1999 were valued at \$889.4 million. Unmanufactured tobacco continued as the number one commodity with an export value of \$324.7 million. Tobacco exports were down 6 percent, and soybeans and products at \$85.9 million were down 39 percent. Feed grains and products at \$90.1 million were up 18 percent and live animals and meat (including horses, excluding poultry) at \$212.6 million were up 4 percent.

Value of U.S. agricultural exports totaled \$49.1 billion in FY 1999, dropping \$4.63 billion from FY 1998. Feed grains and products were the highest valued commodity with \$6.81 billion in exports, followed by

soybeans and products with \$6.53 billion exported. Exports of live animals and meat were valued at slightly more than \$5.33 billion.

California continued to lead State agricultural exports, with exports of \$6.93 billion, more than doubling Iowa, the next leading export state. The top seven States were unchanged from FY 1999, following California and Iowa, were Nebraska, Kansas, Illinois, Texas, and Minnesota. Washington, Indiana, and Wisconsin completed the top ten. Kentucky ranks number 18 in exports.

The FY 2000 forecast for U.S. agricultural exports at \$50.0 billion is almost \$1.0 billion above FY 1999.

## **VALUE OF AGRICULTURAL EXPORTS KENTUCKY & UNITED STATES, FY 1996-99 <sup>1/</sup>**

COMMODITY	KENTUCKY				UNITED STATES	
	1996	1997	1998	1999	1998	1999
(Million Dollars)						
Tobacco-Unmanufactured	303.7	387.5	343.8	324.7	1,447.9	1,375.5
Live Animals & Meat (Incl. horses, excl. poultry)	209.9	197.4	204.3	212.6	5,421.7	5,334.5
Feed Grains & Products	177.0	132.1	76.1	90.1	6,342.9	6,805.6
Soybeans & Products	150.5	174.3	141.2	85.9	9,020.3	6,530.3
Wheat & Products	70.2	92.9	49.2	61.3	3,964.3	3,930.7
Feeds & Fodders	26.6	28.9	24.8	33.2	1,721.3	1,673.4
Dairy Products	3.5	3.6	3.7	2.8	925.1	897.5
Hides & Skins	3.5	3.3	2.6	1.9	1,358.3	1,108.5
Fats, Oils & Greases	2.5	2.2	1.9	1.8	655.2	561.1
Seeds	0.2	0.2	0.2	0.2	827.3	799.7
Fruits & Preps.	0.5	0.0	0.0	0.2	3,217.9	3,282.0
Other	86.4	87.3	82.5	74.7	18,828.0	16,803.3
<b>ALL COMMODITIES <sup>2/</sup></b>	<b>1,034.5</b>	<b>1,109.8</b>	<b>930.3</b>	<b>889.4</b>	<b>53,730.2</b>	<b>49,102.1</b>

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 1997 Census of Agriculture and Exports from Manufacturing Establishments data. <sup>2/</sup>Totals may not add due to rounding.

## **U.S. AGRICULTURAL TRADE, FISCAL YEARS 1995 - 2000 <sup>1/</sup>**

(Year beginning October 1 previous year)

Item	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000
(Billion Dollars)						
Exports	54.6	59.8	57.3	53.6	49.0	50.0
Imports	29.9	32.6	35.8	37.0	37.5	39.0
Trade Balance	24.7	27.2	21.5	16.6	11.5	11.0

(Million Tons)

Export Volume	169.7	158.4	147.3	142.0	113.7	109.8
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<sup>1/</sup>FY 1999 revised, FY 2000 forecast as of May 1.

# FARM BUSINESS BALANCE SHEET

## KENTUCKY, DECEMBER 31, 1994 - 1998

	1994	1995	1996	1997	1998
Farms	94,000	93,000	92,000	91,000	90,000
	(1,000 dollars)				
Farm assets	19,839,463	20,175,432	20,609,887	22,282,859	22,188,699
Real estate	14,530,937	15,123,731	15,593,232	16,748,286	17,325,813
Livestock and poultry <u>1/</u>	1,506,020	1,286,420	1,081,396	1,294,740	1,205,890
Machinery and motor vehicles <u>2/</u>	1,939,613	1,941,821	1,935,812	2,153,341	2,120,345
Crops <u>3/</u>	668,243	602,408	699,635	719,568	653,176
Purchased inputs <u>4/</u>	130,718	97,610	136,863	160,418	164,998
Financial	1,063,932	1,123,442	1,162,949	1,206,506	718,477
Farm debt <u>5/</u>	2,757,540	2,860,511	3,008,737	3,206,203	3,370,903
Real estate	1,733,478	1,795,483	1,886,833	1,968,393	2,065,550
Farm Credit System	409,346	433,337	485,183	487,633	516,014
Farm Service Agency <u>6/</u>	183,637	170,109	157,991	146,278	137,505
Commercial banks	788,998	838,808	882,338	956,781	1,029,889
Life insurance companies	54,646	48,335	48,486	56,926	64,544
Individuals and others	296,851	304,894	312,834	320,774	317,597
CCC storage & drying loans	0	0	0	0	0
Nonreal estate	1,024,062	1,065,028	1,121,904	1,237,810	1,305,353
Farm Credit System	242,061	278,813	311,346	369,132	411,503
Farm Service Agency <u>6/</u>	98,204	82,724	75,649	71,482	71,166
Commercial banks	467,910	473,677	486,986	529,773	544,119
Individuals and others	215,887	229,815	247,922	267,421	278,564
Equity	17,081,923	17,314,921	17,601,150	19,076,656	18,817,796
Ratio:	(Percent)				
Debt/equity	16.1	16.5	17.1	16.8	17.9
Debt/assets	13.9	14.2	14.6	14.4	15.2

1/Excludes horses, mules, and broilers. 2/Includes only farm share value for trucks and autos. 3/All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 4/Data for the value of purchased inputs are unavailable before 1984. 5/Excludes debt for nonfarm purposes. 6/Farmers Home Administration prior to 1994. Source: Economic Research Service/USDA.

## GOVERNMENT PAYMENTS: BY PROGRAM, KENTUCKY, 1995 - 1999 1/

	1995	1996	1997	1998	1999
	(1,000 dollars)				
Feed Grains <u>2/</u>	34,003	(1,394)	(7,354)	(55)	(5)
Wheat <u>2/</u>	2,608	(2,224)	(39)	(5)	(1)
Production Flexibility Contracts	-	51,985	66,529	62,252	52,898
Loan Deficiency Payments	-	-	-	27,934	62,480
Conservation <u>3/</u>	28,214	25,302	22,339	18,909	18,771
Supplemental Funding <u>4/</u>	-	-	-	28,902	91,579
Miscellaneous <u>5/</u>	2,533	1,005	1,581	1,736	3,381
TOTAL	67,358	74,673	83,056	139,672	229,103

1/Amounts include only cash payments made directly to farmers. 2/Commodity programs in effect prior to the 1996 Farm Bill represent financial transactions based upon activity initiated under commodity programs that were replaced by "Production Flexibility Payments" in mid-1996. The negative numbers are repayments by farmers of unanticipated overpayments under the earlier programs. 3/Includes amount paid under the following conservation programs—Conservation Reserve, Agricultural Conservation, and Emergency Conservation Program. 4/Accounts for the supplemental funding provided by the Omnibus Supplemental Appropriations Act of 1999 and Emergency Assistance Provisions of the Agriculture, Rural Development, Food and Drug Administration and Related Agencies Appropriation 2000. 5/Miscellaneous programs include Noninsured Assistance, Karnal Bunt Fungus, Disaster reserve, Environmental Quality Incentive, Riparian Buffer, Dairy Indemnity, Extended Warehouse Storage, Extended Farm Storage, Interest Payments, Small Hog Operation, Fresh Market Peaches, Forestry Incentives, Wetlands Reserve Excludes "Market Gains" from CCC loan transactions. Source: Economic Research Service/USDA.

## **BEES AND HONEY**

Honey production from producers with five or more colonies in Kentucky during 1999 totaled 150,000 pounds, unchanged from the 1998 output. Producers harvested honey from 3,000 colonies in 1999, also unchanged from a year ago. Each colony produced an average of 50 pounds of honey during 1999, the same as in 1998.

Prices for the 1999 honey crop averaged \$1.24 per pound, down 16 cents from the 1998 average of \$1.40. Prices are based on retail sales by producers and sales to private processors and co-ops. Kentucky producers had 12,000 pounds of honey for sale on December 15, 1999, compared with 51,000 pounds on hand the previous year.

United States honey production from producers with five or more colonies totaled 205 million pounds during 1999, down 7 percent from 1998. There were 2.69 million colonies producing honey during 1999, up 2 percent from the previous year. Yield per colony averaged 76.3 pounds, down 7.4 pounds from the 1998 average. Producer honey stocks were 79.4 million pounds on December 15, 1999, down 2 percent from the previous year. Prices for the 1999 crop averaged 59.9 cents per pound, down 8 percent from the 1998 level.

### **KENTUCKY NUMBER OF COLONIES, PRODUCTION, STOCKS AND VALUE 1976 - 1999 <sup>1/</sup>**

Year	Number of Colonies	Yield per Colony	Production	Stocks Dec. 15	Average Price Per Pound	Value of Production
	(000)	(Pounds)	(000 Pounds)	(000 Pounds)	(Cents)	(000 Dollars)
1976	60	20	1200	192	75.1	901
1977	53	22	1166	152	82.6	963
1978	46	23	1058	169	89.1	943
1979	52	33	1716	257	91.5	1570
1980	52	27	1404	216	95.3	1338
1981	56	21	1176	200	110.0	1294
1986 <sup>2/</sup>	15	15	225	86	98.0	221
1987	14	25	350	147	96.0	336
1988	12	40	480	202	106.0	509
1989	12	29	348	132	108.0	376
1990	8	44	352	127	92.0	324
1991	7	25	175	88	96.0	168
1992	4	30	120	54	74.0	89
1993	4	60	240	89	84.0	202
1994	3	54	162	57	98.0	159
1995	3	44	132	30	102.0	135
1996	3	60	180	23	127.0	229
1997	3	60	180	54	148.0	266
1998	3	50	150	51	140.0	210
<b>1999 <sup>3/</sup></b>	<b>3</b>	<b>50</b>	<b>150</b>	<b>12</b>	<b>124.0</b>	<b>186</b>

<sup>1/</sup>Estimates discontinued 1982-1985. <sup>2/</sup>Beginning in 1986, estimates are for beekeepers with 5 or more hives; prior to 1986, estimates covered all beekeepers. <sup>3/</sup>Preliminary.

# KENTUCKY LAND AND WATER ACRES BY COUNTY

District and County	Land Acres	Water Acres	Total Acres	District and County	Land Acres	Water Acres	Total Acres
Ballard	162,515	12,672	175,187	Anderson	130,605	166	130,771
Calloway	247,014	15,937	262,951	Bath	177,555	4,199	181,754
Carlisle	122,112	5,242	127,354	Bourbon	186,567	0	186,567
Fulton	135,264	12,224	147,488	Boyle	116,538	448	116,986
Graves	356,224	134	356,358	Clark	163,309	45	163,354
Hickman	156,871	5,055	161,926	Fayette	182,240	512	182,752
Livingston	199,372	19,713	219,085	Fleming	224,493	128	224,621
Lyon	133,863	30,399	164,262	Franklin	135,731	0	135,731
McCracken	160,454	11,200	171,654	Garrard	148,704	1,024	149,728
Marshall	194,541	23,231	217,772	Harrison	198,253	0	198,253
Trigg	269,658	38,336	307,994	Jessamine	111,558	0	111,558
<b>DISTRICT 1</b>	2,137,888	174,143	2,312,031	Lincoln	215,482	0	215,482
Caldwell	222,259	563	222,822	Madison	283,341	365	283,706
Christian	462,201	1,216	463,417	Mason	154,227	3,456	157,683
Crittenden	230,208	7,360	237,568	Mercer	159,885	2,176	162,061
Daviess	296,000	9,024	305,024	Montgomery	127,168	58	127,226
Hancock	120,940	7,284	128,224	Nicholas	125,837	154	125,991
Henderson	280,307	18,048	298,355	Robertson	64,231	0	64,231
Hopkins	353,433	1,409	354,842	Scott	182,727	0	182,727
Logan	355,827	666	356,493	Shelby	246,322	449	246,771
McLean	164,045	0	164,045	Spencer	122,675	0	122,675
Muhlenberg	305,894	890	306,784	Washington	192,582	148	192,730
Ohio	381,382	192	381,574	Woodford	122,887	0	122,887
Simpson	151,252	63	151,315	<b>DISTRICT 5</b>	3,772,917	13,328	3,786,245
Todd	241,280	96	241,376	Bell	230,912	345	231,257
Union	218,343	13,836	232,179	Boyd	102,662	1,024	103,686
Webster	215,161	96	215,257	Breathitt	316,896	0	316,896
<b>DISTRICT 2</b>	3,998,532	60,743	4,059,275	Carter	260,410	3,392	263,802
Adair	260,698	3,276	263,974	Clay	301,370	0	301,370
Allen	216,211	8,449	224,660	Elliott	149,895	748	150,643
Barren	308,499	11,584	320,083	Estill	163,616	0	163,616
Breckinridge	361,459	13,414	374,873	Floyd	251,494	1,728	253,222
Bullitt	192,301	0	192,301	Greenup	222,081	4,799	226,880
Butler	276,019	122	276,141	Harlan	299,610	0	299,610
Casey	284,979	128	285,107	Jackson	221,562	249	221,811
Clinton	125,568	6,048	131,616	Johnson	168,916	0	168,916
Cumberland	194,822	4,070	198,892	Knott	225,280	711	225,991
Edmonson	193,139	3,905	197,044	Knox	248,083	45	248,128
Grayson	315,609	11,521	327,130	Laurel	277,850	6,074	283,924
Green	184,761	0	184,761	Lawrence	268,806	0	268,806
Hardin	402,708	575	403,283	Lee	135,181	0	135,181
Hart	263,967	3,457	267,424	Leslie	257,043	1,728	258,771
Jefferson	246,912	7,744	254,656	Letcher	216,992	0	216,992
Larue	168,621	95	168,716	Lewis	309,620	7,423	317,043
Marion	221,952	0	221,952	McCreary	273,030	2,682	275,712
Meade	196,128	11,424	207,552	Magoffin	198,093	0	198,093
Metcalfe	186,311	0	186,311	Martin	147,501	0	147,501
Monroe	212,083	761	212,844	Menifee	130,092	1,652	131,744
Nelson	271,072	281	271,353	Morgan	244,544	998	245,542
Russell	159,879	21,106	180,985	Owsley	126,944	0	126,944
Taylor	172,985	4,225	177,210	Perry	217,958	1,152	219,110
Warren	350,419	77	350,496	Pike	502,182	2,624	504,806
<b>DISTRICT 3</b>	5,767,102	112,262	5,879,364	Powell	115,271	0	115,271
Boone	157,280	6,848	164,128	Pulaski	422,547	10,963	433,510
Bracken	129,856	3,968	133,824	Rockcastle	203,315	275	203,590
Campbell	97,012	5,055	102,067	Rowan	180,556	2,753	183,309
Carroll	82,988	4,928	87,916	Wayne	285,498	24,230	309,728
Gallatin	63,527	3,456	66,983	Whitley	283,732	1,151	284,883
Grant	165,971	832	166,803	Wolfe	142,656	0	142,656
Henry	186,131	141	186,272	<b>DISTRICT 6</b>	8,102,198	76,746	8,178,944
Kenton	104,409	1,152	105,561				
Oldham	121,664	4,096	125,760	<b>KENTUCKY</b>	25,388,314	473,733	25,862,047
Owen	226,272	403	226,675				
Pendleton	179,572	576	180,148				
Trimble	94,995	5,056	100,051				
<b>DISTRICT 4</b>	1,609,677	36,511	1,646,188				

Source: Census Bureau U. S. Department of Commerce.

# COUNTY RANKINGS: KENTUCKY'S LEADING AGRICULTURAL COUNTIES

Item	1	2	3	4	5	6	7	8	9	10
<b>1999 Cash Farm Receipts:</b>										
Total	Fayette	Woodford	Bourbon	Jessamine	Graves	Scott	McLean	Christian	Webster	Todd
Crops	Christian	Daviess	Logan	Union	Graves	Todd	Shelby	Henderson	Barren	Calloway
Livestock	Fayette	Woodford	Jessamine	Bourbon	Graves	Scott	McLean	Webster	Barren	Hopkins
<b>1999 Crop Production:</b>										
Corn for Grain	Union	Daviess	Christian	Henderson	Logan	McLean	Todd	Graves	Webster	Hickman
Soybeans	Union	Daviess	Henderson	Webster	Fulton	McLean	Hopkins	Graves	Hickman	Ohio
Winter Wheat	Logan	Christian	Todd	Simpson	Calloway	Warren	Hickman	Graves	Fulton	Trigg
Burley Tobacco	Barren	Shelby	Madison	Bourbon	Fayette	Hart	Scott	Henry	Harrison	Woodford
Dark-Air Tobacco	Logan	Daviess	Graves	Todd	Simpson	McLean	Henderson	Webster	Hopkins	Calloway
Dark-Fire Tobacco	Graves	Calloway	Christian	Todd	Trigg	Logan	Muhlenberg	Caldwell	Lyon	Carlisle
Alfalfa Hay	Hart	Fleming	Barren	Shelby	Hardin	Henry	Lincoln	Warren	Mason	Mercer
Other Hay	Barren	Pulaski	Monroe	Warren	Breckinridge	Washington	Henry	Grayson	Nelson	Shelby
Sorghum	Hopkins	McLean	Union	Marshall	Webster	-	-	-	-	-
Barley	Logan	Todd	Simpson	Wayne	-	-	-	-	-	-
<b>Livestock, Dairy &amp; Poultry:</b>										
Cattle & Calves, Jan. 1, 2000 <u>1</u> /	Barren	Warren	Pulaski	Madison	Allen	Lincoln	Monroe	Marion	Fleming	Hart
Beef Cows, Jan. 1, 2000 <u>2</u> /	Barren	Pulaski	Warren	Madison	Monroe	Bourbon	Allen	Hart	Lincoln	Hardin
Milk Cows, Jan. 1, 2000 <u>3</u> /	Barren	Adair	Fleming	Nelson	Warren	Shelby	Lincoln	Marion	Monroe	Pulaski
Milk Prod., 1999	Barren	Adair	Fleming	Nelson	Warren	Lincoln	Monroe	Marion	Hart	Shelby
<b>1997 Farms</b>	Barren	Pulaski	Warren	Hardin	Madison	Grayson	Shelby	Breckinridge	Graves	Hart
<b>1997 Cropland</b>	Christian	Daviess	Logan	Graves	Barren	Union	Warren	Henderson	Hardin	Breckinridge

1/Allen and Lincoln tied for 5th, Fleming and Hart tied for 9th. 2/Pulaski and Warren tied for 2nd, Allen, Hart and Lincoln tied for 7th. 3/Nelson and Warren tied for 4th, Monroe and Pulaski tied for 9th.

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# STATE STATISTICAL OFFICES

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TO REQUEST DATA FROM THE OTHER STATE STATISTICAL OFFICES CONTACT:  
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Helena 59626  
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1/Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

# COUNTY EXTENSION AND USDA SERVICE CENTERS

COUNTY	COUNTY EXTENSION OFFICE			COUNTY USDA SERVICE CENTER	
	CITY	COUNTY AGENT	TELEPHONE NO.	FSA, CED	TELEPHONE NO.
ADAIR	Columbia	David Herbst	270-384-2317	Terry M. Partin	270-384-6431
ALLEN	Scottsville	Steve Osborne	270-237-3146	Robert Montgomery	270-237-3180
ANDERSON	Lawrenceburg	Dennis Cantrill	502-839-7271	Marna Bollinger	502-839-5581
BALLARD	LaCenter	Tom Miller	270-665-9118	William E. Birney	270-665-5666
BARREN	Glasgow	Gary Tilghman	270-651-3818	E. Jeff Houchins	270-678-1082
BATH	Owingsville	Gary Hamilton	606-674-6121	Bernadette Stansbury	606-674-2841
BELL	Pineville	D. J. Scully	606-337-2376	Virginia Ann Short	606-546-3373
BOONE	Burlington	Jerry Brown	859-586-6101	Kim Kinman	859-586-6175
BOURBON	Paris	Glenn Mackie	859-987-1895	Curtis Cole	859-987-1295
BOYD	Catlettsburg	Lyndall Harned	606-739-5184	Carla D. Whitaker	606-474-5183
BOYLE	Danville	Jerry Little	859-236-4484	Woodie Leavell	859-236-4062
BRACKEN	Brooksville	David Appelman	606-735-2141	John Scott	606-735-3107
BREATHITT	Jackson	Lowell Hamilton	606-666-8812	Claudia Turner	606-666-5105
BRECKINRIDGE	Hardinsburg	Carol Hinton	270-756-2182	Kenneth Thornhill	270-756-5263
BULLITT	Shepherdsville	Darold Akridge	502-543-2257	Jeanie M. Williams	502-538-2221
BUTLER	Morgantown	Greg Drake	270-526-3767	Tim Taylor	270-526-3765
CALDWELL	Princeton	Ricky Yeargan	270-365-2787	Wayne Thompson	270-365-6530
CALLOWAY	Murray	Gerald Claywell	270-753-1452	David Riley, Jr.	270-753-1781
CAMPBELL	Highland Heights	Don Sorrell	859-572-2600	Kim Kinman	859-586-6175
CARLISLE	Bardwell	Jason Hodge	270-628-5458	Jimmy Owens	270-628-5453
CARROLL	Carrollton	Tim Hendrick	502-732-7030	Michael Benton	502-732-6931
CARTER	Grayson	Myron Evans	606-474-6686	Carla D. Whitaker	606-474-5183
CASEY	Liberty	Tommy Yankey	606-787-7384	Barry Turpen	606-787-6581
CHRISTIAN	Hopkinsville	Jay Stone	270-886-6328	Coy Higdon	270-885-5066
CLARK	Winchester	Frank Hicks	859-744-4682	Rita Barlow	859-745-2828
CLAY	Manchester	Jeff Casada	606-598-2789	Virginia Ann Short	606-546-3373
CLINTON	Albany	Gordon Shearer	606-387-5404	H. Carter Maupin	606-387-5976
CRITTENDEN	Marion	Thomas Moore	270-965-5236	Susan Dyer	270-965-3723
CUMBERLAND	Burkesville	Greg Tompkins	270-864-2681	Russell Means	270-864-3385
DAVISS	Owensboro	Wayne Mattingly	270-685-8480	Dan Styke	270-684-9286
EDMONSON	Brownsville	Matt John	270-597-3628	Donald Dunn	270-843-1111
ELLIOTT	Sandy Hook	William Thomas	606-738-6440	Carla D. Whitaker	606-474-5183
ESTILL	Irvine	Eric Baker	606-723-4557	Oliver Duncan	606-723-5102
FAYETTE	Lexington	Maner Ferguson	859-257-5582	David Duke	859-233-0194
FLEMING	Flemingsburg	C. Michael Jackson	606-845-4641	Regina Rose	606-845-4841
FLOYD	Prestonsburg	Ray Tackett	606-886-2668	Kathi Sparks	606-789-3766
FRANKLIN	Frankfort	Keenan Bishop	502-695-9035	Woodson Staton	502-695-5203
FULTON	Hickman	Lincoln Martin	270-236-2351	Lilly Kimbell	270-236-2084
GALLATIN	Warsaw	David Hull	859-567-5481	Michael Benton	502-732-6931
GARRARD	Lancaster	Mike Carter	859-792-3026	Woodie Leavell	859-792-2661
GRANT	Williamstown	Dennis Hancock	859-824-3355	Jim Furnish	859-824-4101
GRAVES	Mayfield	William Green	270-247-2334	Donnie Caldwell	270-247-9525
GRAYSON	Leitchfield	Jack Ewing	270-259-3492	James Thomason, Jr.	270-259-3716
GREEN	Greensburg	Brian Newman	270-932-5311	Debbie Wakefield	270-932-4961
GREENUP	Greenup	Vacant	606-473-9881	John Feters	606-473-7194
HANCOCK	Hawesville	Diane Perkins	270-927-6618	Joyce Logsdon	270-927-6336
HARDIN	Elizabethtown	Grusy & Shepherd	270-765-4121	John Goff	270-765-2702
HARLAN	Harlan	Robert Miller	606-573-4464	Virginia Ann Short	606-546-3373
HARRISON	Cynthiana	Gary Carter	859-234-5510	Philip B. Sims	859-234-2646
HART	Munfordville	Chris Clark	270-524-2451	Mary White Mills	270-524-5631
HENDERSON	Henderson	Michael Smith	270-826-8387	Carol Owens	270-826-3450
HENRY	New Castle	Steve Moore	502-845-2811	Dennis Campbell	502-845-2820
HICKMAN	Clinton	Larry Reber	270-653-2231	Lilly Kimbell	270-653-2721
HOPKINS	Madisonville	George Kelley	270-821-3650	Debra Gale Rudd	270-821-4430
JACKSON	McKee	Jeff Henderson	606-287-7693	Wanda Sue Hignite	606-287-8311
JEFFERSON	Louisville	Kenneth Jones	502-425-4482	Jeanie M. Williams	502-538-2221
JESSAMINE	Nicholasville	Robert Amburgey	859-885-4811	Mitchell Dunn	859-887-2461
JOHNSON	Paintsville	Brian Jeffers	606-789-8108	Kathi Sparks	606-789-3766
KENTON	Covington	L. J. Osborne	859-356-3155	Kim Kinman	859-586-6175
KNOTT	Hindman	Keith Hackworth	606-785-5329	Rosalind Sharon Boggs	606-436-5688

# COUNTY EXTENSION AND USDA SERVICE CENTERS

COUNTY	COUNTY EXTENSION OFFICE			COUNTY USDA SERVICE CENTER	
	CITY	COUNTY AGENT	TELEPHONE NO.	FSA, CED	TELEPHONE NO.
KNOX	Barbourville	Wayne Kirby	606-546-3447	Virginia Ann Short	606-546-3373
LARUE	Hodgenville	David Harrison	270-358-3401	George W. Shirley	270-358-3131
LAUREL	London	Glenn Williams	606-864-4167	Tommy Smith	606-864-2172
LAWRENCE	Louisa	John Sparks	606-638-9495	Carla D. Whitaker	606-474-5183
LEE	Beattyville	Shawn Rice	606-464-2759	David B. Kash	606-464-2658
LESLIE	Hyden	Angela Begosh	606-672-2154	Rosalind Sharon Boggs	606-436-5688
LETCHER	Whitesburg	Shad Baker	606-633-2362	Rosalind Sharon Boggs	606-436-5688
LEWIS	Vanceburg	Richard Bowling	606-796-2732	Regina Rose	606-796-3866
LINCOLN	Stanford	Dan Grigson	606-365-2459	Paul E. Hall	606-365-2588
LIVINGSTON	Smithland	Glenn Buhlig	270-928-2168	Susan Dyer	270-988-2180
LOGAN	Russellville	Joanna Coles	270-726-6323	Stan Asbridge	270-726-3006
LYON	Eddyville	John Rudolph	270-388-2341	Wayne Thompson	270-365-6530
MCCRACKEN	Paducah	Doug Wilson	270-554-9520	Amelia McNeely	270-554-7264
MCCREARY	Whitley City	Greg Whitis	606-376-2524	Janice P. Sweet	606-549-1220
MCLEAN	Calhoun	Greg Henson	270-273-3690	Larry Kirkland	270-273-3922
MADISON	Richmond	John Wilson	859-623-4072	Oliver Duncan	859-624-1980
MAGOFFIN	Salyersville	Russell Sparks	606-349-3216	Donna Elam	606-743-3410
MARION	Lebanon	Edward Lanham	270-692-2421	Charles Pat Spalding	270-692-3341
MARSHALL	Benton	Darrel Tichenor	270-527-3285	David Gilland	270-527-3231
MARTIN	Inez	Vacant	606-298-7742	Kathi Sparks	606-789-3766
MASON	Maysville	William Peterson	606-564-6808	Mary Lloyd Allison	606-759-5763
MEADE	Brandenburg	Andy Mills	270-422-4958	Ken Thornhill	270-422-3188
MENIFEE	Frenchburg	David Cooper	606-768-3866	Daniel B. Razor III	859-498-5487
MERCER	Harrodsburg	Tony Shirley	859-734-4378	Carolyn Morris	859-734-4326
METCALFE	Edmonton	Darrell Burks	270-432-3561	Debbie Wakefield	270-432-3191
MONROE	Tompkinsville	Vacant	270-487-5504	Jack Carter	270-487-6528
MONTGOMERY	Mt. Sterling	Ron Catchen	859-498-8741	Daniel B. Razor III	859-498-5487
MORGAN	West Liberty	Christopher Lindon	606-743-3292	Donna Elam	606-743-3410
MUHLENBERG	Greenville	Darrell Simpson	270-338-3124	J. Tim Taylor	270-338-3741
NELSON	Bardstown	Ron Bowman	502-348-9204	Bob Friel	502-348-8664
NICHOLAS	Carlisle	Mike Phillips	859-289-2312	Curtis Cole	859-987-1295
OHIO	Hartford	Greg Comer	270-298-7441	Larry Clayton	270-298-3643
OLDHAM	LaGrange	Ronald Thomas	502-222-9453	Dennis Campbell	502-845-2820
OWEN	Owenton	Kim Strohmeier	502-484-5703	Leonard Kearns	502-484-3979
OWSLEY	Booneville	Paul Sizemore	606-593-5109	Davd B. Kash	606-464-2658
PENDLETON	Falmouth	Val Shields	859-654-3395	Janelle Gardner	859-654-3374
PERRY	Hazard	Charles May	606-436-2044	Rosalind Sharon Boggs	606-436-5688
PIKE	Pikeville	Marvin Hensley	606-432-2534	Kathi Sparks	606-789-3766
POWELL	Stanton	Mike Reed	606-663-6404	Barry Allen	606-668-3111
PULASKI	Somerset	Keenan Turner	606-679-6361	Lewis Colyer	606-678-4842
ROBERTSON	Mt. Olivet	Danny Hughes	606-724-5796	Mary Lloyd Allison	606-759-5763
ROCKCASTLE	Mt. Vernon	Tom Mills	606-256-2403	Warden Alexander	606-256-2525
ROWAN	Morehead	Robert Marsh	606-784-5457	Bernadette Stansbury	606-784-5759
RUSSELL	Russell Springs	E. Raymond Thompson	270-866-4477	Bruce Roberts	270-343-3254
SCOTT	Georgetown	Mark Reese	502-863-0984	Rita Jones	502-863-2439
SHELBY	Shelbyville	Brittany Edelson	502-633-4593	Woodson L. Staton	502-633-3294
SIMPSON	Franklin	Jeff Watt	270-586-4484	David Burch	270-586-4732
SPENCER	Taylorsville	Bryce Roberts	502-477-2217	Jeanie M. Williams	502-538-2221
TAYLOR	Campbellsville	Patrick Hardesty	270-465-4511	David Claycomb	270-465-4651
TODD	Elkton	Curtis Judy	270-265-5659	William S. Jones	270-265-5638
TRIGG	Cadiz	Jason P'Pool	270-522-3269	Steven G. Mallory	270-522-8111
TRIMBLE	Bedford	Mike Pyles	502-255-7188	Michael Benton	502-732-6931
UNION	Morganfield	Rankin Powell	270-389-1400	Susan Girten	270-389-2393
WARREN	Bowling Green	Luther Smith	270-842-1681	Donald Dunn	270-843-1111
WASHINGTON	Springfield	Rick Greenwell	859-336-7741	Rebecca Carrico	859-336-7774
WAYNE	Monticello	Glen Roberts	606-348-8453	Richard Crouch	606-348-9383
WEBSTER	Dixon	Phil Gillespie	270-639-9011	Jeff Boone	270-639-5073
WHITLEY	Williamsburg	Phil Smith	606-549-1430	Janice Sweet	606-549-1220
WOLFE	Campton	Ted Johnson	606-668-3712	Barry Allen	606-668-3111
WOODFORD	Versailles	Mike Duckworth	859-873-4601	Ronnie Pelfrey	859-873-3411

# STATISTICAL REPORTS PROGRAM

In addition to this Annual Bulletin the Kentucky Agricultural Statistics Service publishes timely estimates on crop and livestock production, prices and various other special reports. A list of the more important reports and the approximate date of release is shown in the table below. Many of these reports are combined and republished in the twice-monthly Kentucky AGRI-NEWS, which is provided free of charge on the Internet at the following address: <http://www.nass.usda.gov/ky/>. There is a minimal charge

for the printed version of the AGRI-NEWS and Crop & Weather for non-survey respondents. Current survey respondents may receive these reports without charge. These printed reports may be obtained from :

**Kentucky Agricultural Statistics Service**  
**P. O. Box 1120**  
**Louisville, Kentucky 40201-1120**  
**(502) 582-5293**  
**1-800-928-5277**

TYPE OF REPORT	FREQUENCY OF REPORT	APPROXIMATE DATE AVAILABLE
<b>I. CROP REPORTS</b> 1. Intentions to Plant 2. Production 3. Grain Stocks 4. Annual Crop Summary 5. Crop Values 6. Winter Wheat Seedings	Annually Monthly Quarterly Annually Annually Annually	March 31 9th - 12th Jan 12; Mar 31; Jun 30; Sep 29 January 12 February 11 January 12
<b>II. LIVESTOCK REPORTS</b> 1. Cattle Inventory & Calf Crop 2. Hog Inventory & Pig Crop  3. Sheep Inventory & Lamb Crop 4. Livestock Slaughter 5. Meat Animals - Farm Production, Disposition & Income	Semi-Annually Quarterly  Annually Monthly Annually	Jan 28 - U.S. & KY, Jul 21 - U.S. Only Mar 24, June 23, Sep 22 - Top 16 States & U.S.; Dec 28 - U.S. & KY January 28 19th - 25th April 27
<b>III. DAIRY REPORTS</b> 1. Cows Milked & Milk Production 2. Milk Production & Disposition	Monthly Annually	15th - 18th May 25
<b>IV. POULTRY REPORTS</b> 1. Poultry Inventory, Dec. 1 2. Eggs, Chickens & Hatchery	Annually Monthly	January 28 21st - 31st U.S. Only
<b>V. PRICE REPORTS</b> 1. Prices Received by Farmers 2. Prices Paid by Farmers	Monthly Quarterly	28th - 31st 28th - 31st Jan, Apr, Jul, Oct
<b>VI. MISCELLANEOUS REPORTS</b> 1. Farm Numbers & Land in Farms 2. Farm Land Values, Rent 3. Farm Labor & Wage Rates	Annually Periodically Quarterly	February 18 March 23; July 7 17th - 19th Feb, May, Aug, Nov U.S. & Regional
<b>VII. CROP &amp; WEATHER</b> (April - November)	Weekly	Mondays, 4:00 P.M.
<b>VIII. COUNTY ESTIMATES</b> 1. Major Commodities & Cash Receipts 2. KASS Info (3 ½ in. Diskette with Multiple Year Data)	Annually Annually	February - May August

# REPORTS AND DATA FROM THE USDA'S NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)

## INTERNET:

Reports and data from NASS as well as from the Kentucky Agricultural Statistics Service (KASS) are available on the worldwide Internet. Information is also available on the Internet from the Kentucky Department of Agriculture (KDA).

For access, connect to the Internet and choose from the following:

**NASS:** <http://www.usda.gov/nass>  
**KASS:** <http://www.nass.usda.gov/ky>  
**KDA:** <http://www.kyagr.com>

## E-MAIL SUBSCRIPTIONS:

**NASS Reports:** You can subscribe to NASS reports using a FREE e-mail service. From the NASS Homepage address shown above, select **Publications**. From the **Publications** page, the **Subscribe E-mail** button takes the user to the page describing e-mail delivery of reports. Click on **Go to the subscription page** and follow the instructions. It's as simple as clicking on the report name.

**KASS Reports:** You can also subscribe to KASS reports, or reports from other States, by using the FREE e-mail service. Again, from the NASS Homepage address shown above, select **Publications**. From the **Publications** page, select **State Reports**. Click on the e-mail **Subscribe** area which takes the user to a list of reports available for each State. Click on the report name to select the report(s) needed, enter your e-mail address, and click on the **Subscribe** button.

## Internet Published Estimates Database:

Historical County, State, and U.S. information is available in an online database via the Internet FREE OF CHARGE. The database allows custom extracts based on commodity, year, State and other selection criteria and produces an output file compatible for updating databases and spreadsheets. The data base can be accessed from the NASS Homepage at:

<http://www.usda.gov/nass/>. Then click on the **On-line DATA BASE** button and follow the instructions.

## NASS Subject Specialists:

NASS maintains a listing of subject and commodity specialists for the various program areas. From the NASS Homepage, click on **Publications**, then **Contacts**.

## NASSFax Information Service:

This FREE service is operated by NASS for users of NASS information. In general, current U.S. summary pages and report highlights are available via the NASSFax for selected reports by document number. To receive news items, use a touch tone telephone connected to your FAX machine to call **202-720-2000**. Voice prompts will guide you to select items of interest. The first time you access the system, request **Document number 0411** which will provide a listing of the information that is available.

## NASS Customer Service:

NASS operates an information center, staffed 7:30 AM to 4:00 PM ET Monday-Friday, to assist you with accessing their reports and data via the Internet, NASSFax, or printed copies. Please call **1-800-727-9540**.

## Printed Report Subscriptions:

Subscriptions to receive printed NASS reports are available for a fee. To subscribe to national reports, call toll-free **1-800-999-6779** and ask for a list of reports and prices.

The **Kentucky Agricultural Statistics Service** offers subscriptions to the following printed reports by calling **1-800-928-5277** or completing the Order Form on the next page:

**Agri-News** - A comprehensive farm newsletter covering planting reports, monthly and annual crop production, grain stocks, cattle, hogs, monthly milk output, farm income and expenses, current and outlook information, economic trends, etc.

**Weekly Crop-Weather** - Issued each Monday during the growing season, this report follows crop progress and condition, and provides weekly temperature and precipitation data.

**Kentucky Agricultural Statistics Book** - Our annual bulletin, available each fall, containing State and county crop and livestock estimates, farm income data, land values, number of farms, prices, etc.

# KENTUCKY AGRICULTURAL STATISTICS SERVICE (ORDER FORM)

Reports and KASSINFO Diskette Program are available free of charge on the Internet. For access connect to the Internet and select: <http://www.nass.usda.gov/ky/>. Printed copies may be ordered as usual.

The Kentucky Agri-News, Crop & Weather Reports and KASSINFO Diskette are available on a subscription basis. To subscribe, check the desired reports below, send this page and a check or money order payable to USDA-NASS to:



## TO SUBSCRIBE MAIL TO:

Kentucky Agricultural Statistics Service  
P.O. Box 1120  
Louisville, KY 40201-1120

- |     |                          |         |  |
|-----|--------------------------|---------|--|
| 902 | <input type="checkbox"/> | \$10.00 | <b>KENTUCKY AGRI-NEWS</b> - This twice-monthly four-page report is a summary of statistical reports on crop acreage and production, inventory numbers, egg and milk production and monthly price information, etc. |
| 930 | <input type="checkbox"/> | \$12.00 | <b>CROP &amp; WEATHER REPORTS</b> - Weekly summary published April through November providing Kentucky's crop progress and condition, weather data, soil moisture and other timely information.                    |
| 953 | <input type="checkbox"/> | \$8.00  | <b>KASSINFO 3 1/2 in. DISKETTE</b> - Kentucky County data for 10 years can be viewed by commodity or by county (Available in August).  |

All reports are free to those who provide data used for summarization. If you are a Kentucky agricultural producer who participates in our Survey Program, check the desired reports and mail to the complimentary copy address below.

In addition, this office publishes this "Kentucky Agricultural Statistics" and county estimates for crops and livestock annually. To receive a complimentary copy, check the desired re-ports and return a copy of this page to the address at the right.



## FOR COMPLIMENTARY COPY MAIL TO:

Kentucky Agricultural Statistics Service  
P.O. Box 1120  
Louisville, KY 40201-1120

- |     |                          |   |
|-----|--------------------------|---|
| 950 | <input type="checkbox"/> | <b>KENTUCKY AGRICULTURAL STATISTICS</b> - Annual bulletin containing all major statistics for the year at the State and county level (Available about October 1). |
| 951 | <input type="checkbox"/> | <b>CROP COUNTY ESTIMATES</b> (Annually).  |
| 952 | <input type="checkbox"/> | <b>LIVESTOCK COUNTY ESTIMATES</b> (Annually).   |

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## ORDERED BY:

COMPANY OR INDIVIDUAL NAME: \_\_\_\_\_

ADDITIONAL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

DATE: \_\_\_\_\_

E - MAIL ADDRESS: \_\_\_\_\_

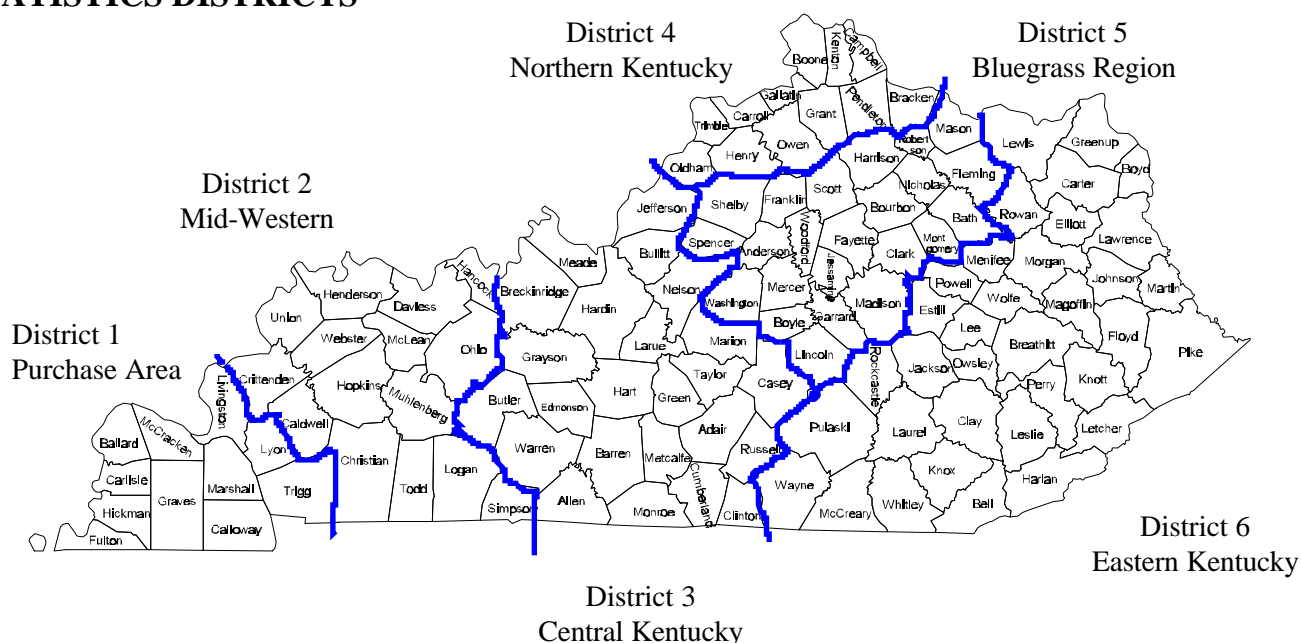
# COUNTY DATA

The following section highlights each county in Kentucky. Crops produced, livestock inventories, milk production, and agricultural cash receipts are displayed with the appropriate rank among all counties. Data published here are available elsewhere in this bulletin, but this should aid data users interested in certain counties. Also, included for each county are 1982, 1987, 1992 and 1997 agricultural census data for

number of farms, land in farms and harvested cropland acres.

Below is a table with data for the entire State, including Kentucky's ranking nationwide. On succeeding pages each county is listed alphabetically. If you have any questions on this section, please get in touch with us.

## KENTUCKY AGRICULTURAL STATISTICS DISTRICTS



## KENTUCKY DATA RANK IN UNITED STATES <sup>1/</sup>

CENSUS	FARMS	ACRES IN FARMS	HARVESTED CROPLAND
1982	101,642	14,179,284	4,835,631
1987	92,453	14,012,700	4,250,284
1992	90,281	13,665,798	4,417,651
1997	82,273	13,334,234	4,678,622

1999 CROPS	ACRES HARV.	YIELD	PRODUCTION	RANK	LIVESTOCK & MILK	NUMBER	RANK
CORN FOR GRAIN, BU	1,180,000	105.0	123,900,000	14	JAN 1, 00 ALL CATTLE & CALVES	2,250,000	13
SOYBEANS, BU	1,150,000	21.0	24,150,000	17	JAN 1, 00 BEEF COWS	1,070,000	8
W. WHEAT FOR GRAIN, BU	410,000	60.0	24,600,000	19	DEC 1, 99 ALL HOGS & PIGS	460,000	20
GRAIN SORGHUM, BU	8,000	80.0	640,000	15	99 MILK PRODUCTION, (000) LBS	1,645,000	22
BURLEY TOBACCO, LBS	210,000	1,810	380,100,000	1			
DARK FIRED TOBACCO, LBS	7,250	2,485	18,018,000	2/			
DARK AIR TOBACCO, LBS	4,400	2,358	10,374,000	1			
ALFALFA HAY, TONS	250,000	2.90	725,000	27			
ALL OTHER HAY, TONS	2,150,000	1.90	4,085,000	3			
BARLEY FOR GRAIN, BU	8,000	80.0	640,000	20			

CASH RECEIPTS	DOLLARS	RANK
	(000)	
1999 CROPS	1,297,699	23
1999 LIVESTOCK	2,158,450	16
1999 TOTAL	3,456,149	22

<sup>1/</sup> Preliminary. <sup>2/</sup> Type 22 - Ky. Ranked #2, Type 23 - Ky. Ranked #1.

ADAIR	ALLEN	ANDERSON	BALLARD	<a href="#">p301.pdf</a>
BARREN	BATH	BELL	BOONE	<a href="#">p302.pdf</a>
BOURBON	BOYD	BOYLE	BRACKEN	<a href="#">p303.pdf</a>
BREATHITT	BRECKINRIDGE	BULLITT	BUTLER	<a href="#">p304.pdf</a>
CALDWELL	CALLOWAY	CAMPBELL	CARLISLE	<a href="#">p305.pdf</a>
CARROLL	CARTER	CASEY	CHRISTIAN	<a href="#">p306.pdf</a>
CLARK	CLAY	CLINTON	CRITTENDEN	<a href="#">p307.pdf</a>
CUMBERLAND	DAVIESS	EDMONSON	ELLIOTT	<a href="#">p308.pdf</a>
ESTILL	FAYETTE	FLEMING	FLOYD	<a href="#">p309.pdf</a>
FRANKLIN	FULTON	GALLATIN	GARRARD	<a href="#">p310.pdf</a>
GRANT	GRAVES	GRAYSON	GREEN	<a href="#">p311.pdf</a>
GREENUP	HANCOCK	HARDIN	HARLAN	<a href="#">p312.pdf</a>
HARRISON	HART	HENDERSON	HENRY	<a href="#">p313.pdf</a>
HICKMAN	HOPKINS	JACKSON	JEFFERSON	<a href="#">p314.pdf</a>
JESSAMINE	JOHNSON	KENTON	KNOTT	<a href="#">p315.pdf</a>
KNOX	LARUE	LAUREL	LAWRENCE	<a href="#">p316.pdf</a>
LEE	LESLIE	LETCHER	LEWIS	<a href="#">p317.pdf</a>
LINCOLN	LIVINGSTON	LOGAN	LYON	<a href="#">p318.pdf</a>
MCCRACKEN	MCCREARY	MCLEAN	MADISON	<a href="#">p319.pdf</a>
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METCALFE	MONROE	MONTGOMERY	MORGAN	<a href="#">p322.pdf</a>
MUHLENBERG	NELSON	NICHOLAS	OHIO	<a href="#">p323.pdf</a>
OLDHAM	OWEN	OWSLEY	PENDLETON	<a href="#">p324.pdf</a>
PERRY	PIKE	POWELL	PULASKI	<a href="#">p325.pdf</a>
ROBERTSON	ROCKCASTLE	ROWAN	RUSSELL	<a href="#">p326.pdf</a>
SCOTT	SHELBY	SIMPSON	SPENCER	<a href="#">p327.pdf</a>
TAYLOR	TODD	TRIGG	TRIMBLE	<a href="#">p328.pdf</a>
UNION	WARREN	WASHINGTON	WAYNE	<a href="#">p329.pdf</a>

WEBSTER

WHITLEY

WOLFE

WOODFORD

[p330.pdf](#)